

JVC

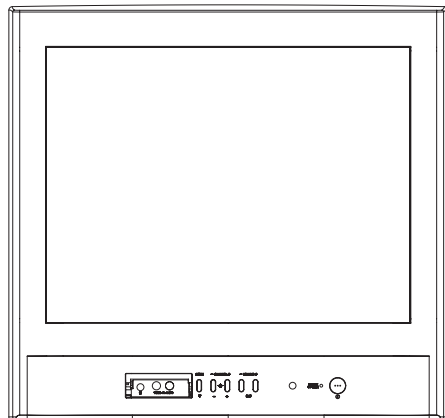
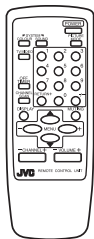
SERVICE MANUAL

COLOUR TELEVISION

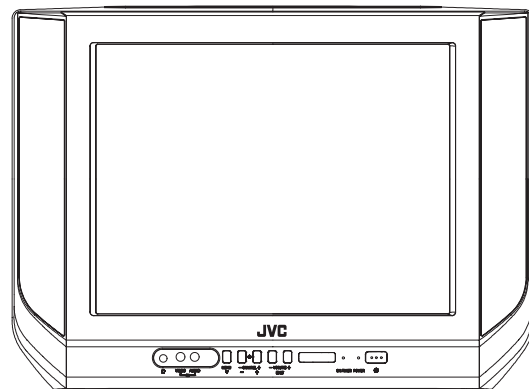
AV-2106CE, AV-21F16, AV-21FMG6/G, AV-21FMG6B/G

BASIC CHASSIS

CG4



[AV-2106CE]



[AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

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SPECIFICATION

Items		Contents		
		AV-2106CE	AV-21F16	AV-21FMG6/G AV-21FMG6B/G
Dimensions (W × H × D)		50.2 cm × 47.7 cm × 47.2 cm	61.9 cm × 45.8 cm × 48.7 cm	
Mass		21 kg		
TV RF System		B/G, I, D/K		B/G, I, D/K,M
Colour System		PAL SECAM NTSC 3.58 / NTSC 4.43 (NTSC:EXT only).	PAL SECAM NTSC 3.58 / NTSC 4.43	
Receiving Frequency	VHF Low VHF High UHF CATV	46.25 MHz to 140.25 MHz 147.25 MHz to 423.25 MHz 431.25 MHz to 863.25 MHz Mid (X to Z+2, S1 to S10) / Super (S11 to S20) / Hyper (S21 to S41) bands		
Intermediate Frequency	VIF	38.0 MHz (B/G, I, D/K)	38.0 MHz (B/G, I, D/K, M)	
	SIF	32.5 MHz (5.5 MHz: B/G) 32MHz (6.0 MHz: I) 31.5MHz (6.5 MHz: D/K)	32.5 MHz (5.5 MHz: B/G) 32MHz (6.0 MHz: I) 31.5MHz (6.5 MHz: D/K) 33.5MHz (4.5 MHz: M)	
Colour Sub Carrier	PAL SECAM NTSC	4.43 MHz 4.40625 MHz / 4.25 MHz 3.58 MHz / 4.43 MHz		
Power Input		AC110 V to AC240 V, 50 Hz / 60 Hz		
Power Consumption		100 W (Max) / 65 W(Avg)	90 W (Max) / 60 W(Avg)	
Picture Tube		Visible size: 52.3 cm measured diagonally (H : 41.6 cm × V : 31.5 cm)	Visible size: 52.8 cm measured diagonally (H : 42.0 cm × V : 32.0 cm)	
High Voltage		26.5 kV±1.5kV (at zero beam current)		
Speaker		5 cm × 9 cm, Oval type × 1	6 cm × 12 cm, Oval type × 2	
Audio Power Output		3 W (monaural)		
Aerial Input Terminal		75 Ω unbalanced, coaxial		
Input Terminal [Front / Rear]	Video Audio	1 V(p-p), 75 Ω, RCA pin jack × 2 500 mV(rms) (-4 dBs), High impedance, RCA pin jack × 2		
Output Terminal [Rear]	Video Audio	1 V(p-p), 75Ω, RCA pin jack × 1 500 mV(rms) (-4 dBs), Low impedance, RCA pin jack × 1		
Headphone Jack		3.5 mm mini jack × 1		
Remote Control Unit		RM-C360GY (Battery size : AA / R6 / UM-3 × 2)		

Design and specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : (\equiv) side GND and EARTH : (\oplus) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
- (6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- (7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10k Ω 2W resistor to the anode button.

- (8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

- (9) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

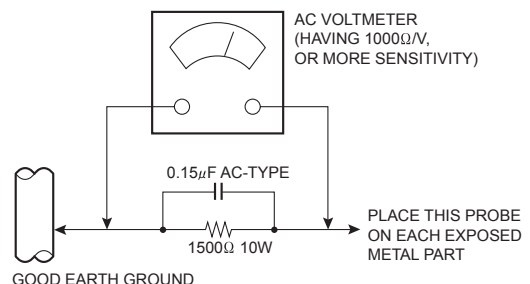
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

PICTURE MODE

This function can adjust the picture settings automatically.
There are BRIGHT, STANDARD and SOFT in the PICTURE MODE.

RETURN +

This function can set a channel you frequently view to the Return Channel and you can view that channel at any time with one-touch.

CHILD LOCK

Use this function to prevent children from operating the TV without parental consent.

VNR

This function can reduce the picture noise.

2.2 MAIN DIFFERENCE LIST

Item	AV-2106CE	AV-21F16	AV-21FMG6/G	AV-21FMG6B/G
Cabinet Design	C type cabinet	F type cabinet	←	←
LED colour	Green/Red	Red/Orange	←	←
TV RF System	B/G, I, D/K	←	B/G, I, D/K, M	←
OSD Language	Eng, Rus, Ukr	Eng, Chi, Malay, Ind	Eng, Ara, Per, Rus	←
Speaker	5cm × 9cm Oval type ×1	6cm × 12cm Oval type ×2	←	←
MAIN PWB	SCG-1517A-H2	SCG-1541A-H2	SCG-1542A-H2	SCG-1543A-H2

2.3 TECHNICAL INFORMATION

2.3.1 MAIN MI-COM (CPU) PIN FUNCTION

Pin No.	Pin name	I/O	Function	Pin No.	Pin name	I/O	Function
1	REMOCON	I	Remote control	22	PROTECT	I	Low B protect detection [Detect: H]
2	SDA2	I/O	Data for Inter IC control (For main memory)	23	P_ON/OFF	I	Main power control [ON : H]
3	SCL2	O	Clock for Inter IC control (For main memory)	24	LOCK	-	Not used
4	BUS_FREE	-	Not used	25	3.58/OTH	-	Not used
5	NC	-	Not used	26	4.5/OTH	-	Not used
6	KEY1	I	Key scan for front key (Menu CH -/+)	27	H_SYNC	I	Horizontal sync
7	KEY2	I	Key scan for front key (Vol -/+)	28	I/II	-	Not used
8	ECO IN	-	Not used	29	OSD_Ys	O	Ys (blanking) for OSD
9	AFT	I	AFT voltage for tuner	30	OSD_B	O	Blue for OSD
10	LED[POW]	-	Not used	31	OSD_G	O	Green for OSD
11	LED[TIM]	O	Liting for timer [Liting : H]	32	OSD_R	O	Red for OSD
12	GND	-	GND	33	NC	-	Not used
13	NC	-	Not used	34	RST	I	CPU reset [Reset:L]
14	NC	-	Not used	35	V_SYNC	I	Vertical sync
15	TV/V	-	Not used	36	TCLOCK	-	Not used
16	TEXT RESET	-	Not used	37	SDA1	I/O	Data for Inter IC control (For generally)
17	ACL ON/OFF	-	Not used	38	SCL1	O	Clock for Inter IC control (For generally)
18	VOL	O	Volume control	39	VDD	I	3.3V
19	A_MUTE	O	Aodio muting [Muting : H]	40	OSC1	I	System clock oscillation (4MHz)
20	NC	-	Not used	41	OSC2	O	System clock oscillation (4MHz)
21	TEXT/OTH	-	Not used	42	VSS	-	GND

SECTION 3 DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE [AV-2106CE]

3.1.1 REMOVING THE REAR COVER

- Unplug the power cord.
 - (1) Remove the 4 screws [A], 1 screw [B] and 1 screw [C] as shown in Fig.1.
 - (2) Withdraw the REAR COVER toward you.

CAUTION:

When reinstalling the rear cover, carefully push it inward after inserting the MAIN PWB into the REAR COVER groove.

3.1.2 REMOVING THE MAIN PW BOARD

- Remove the REAR COVER.
 - (1) Slightly raise the both sides of the MAIN PWB by hand.
 - (2) Withdraw the MAIN PWB backward.
(If necessary, take off the wire clamp and connectors, etc.)

3.1.3 REMOVING THE SPEAKER

- Remove the REAR COVER.
 - (1) Remove the 4 screws [D] as shown in Fig.1.

3.1.4 CHECKING THE MAIN PW BOARD

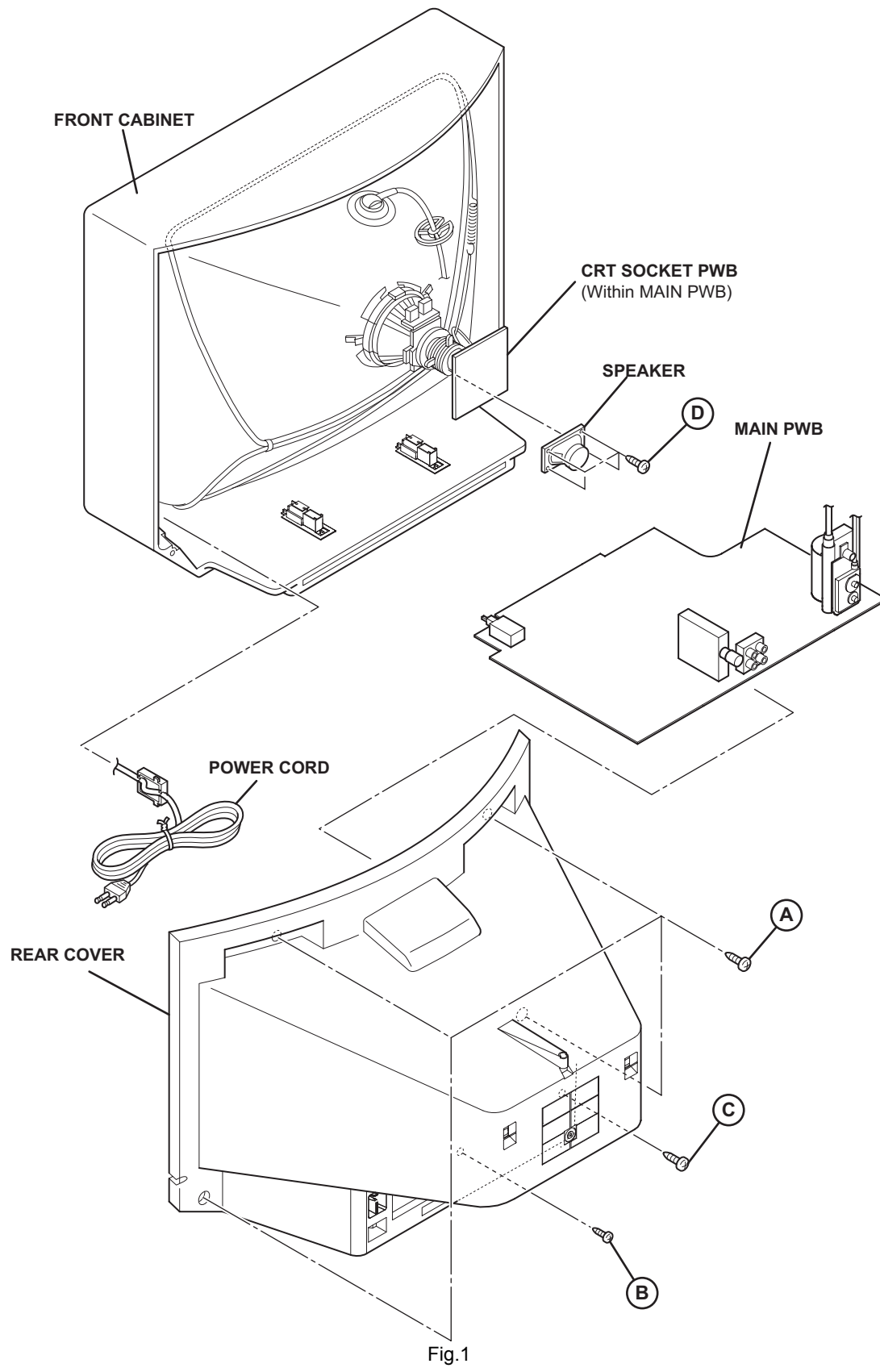
- To check the back side of the MAIN PWB.
 - (1) Pull out the MAIN PWB. (Refer to REMOVING THE MAIN PW BOARD).
 - (2) Erect the MAIN PWB vertically so that you can easily check its back side.

CAUTIONS:

- Before turning on power, make sure that the CRT earth wire and other connectors are properly connected.
- When repairing, connect the DEG. COIL to the DEG. connector on the MAIN PWB.

3.1.5 WIRE CLAMPING AND CABLE TYING

- (1) Be sure to clamp the wire.
- (2) Never remove the cable tie used for tying the wires together.
Should it be inadvertently removed, be sure to tie the wires with a new cable tie.



3.2 DISASSEMBLY PROCEDURE [AV-21FMG6/G]

3.2.1 REMOVING THE REAR COVER

- Unplug the power cord.
 - (1) Remove the 5 screws **[A]**, 1 screw **[B]** and 1 screw **[C]** as shown in Fig.2.
 - (2) Withdraw the REAR COVER toward you.

CAUTION:

When reinstalling the rear cover, carefully push it inward after inserting the MAIN PWB into the REAR COVER groove.

3.2.2 REMOVING THE MAIN PW BOARD

- Remove the REAR COVER.
 - (1) Slightly raise the both sides of the MAIN PWB by hand.
 - (2) Withdraw the MAIN PWB backward.
(If necessary, take off the wire clamp and connectors, etc.)

3.2.3 REMOVING THE SPEAKER

- Remove the REAR COVER.
 - (1) Remove the 2 screws **[D]** as shown in Fig.2.
 - (2) Follow the same steps when removing the other hand SPEAKER.

3.2.4 CHECKING THE MAIN PW BOARD

- To check the back side of the MAIN PWB.
 - (1) Pull out the MAIN PWB. (Refer to REMOVING THE MAIN PW BOARD).
 - (2) Erect the MAIN PWB vertically so that you can easily check its back side.

CAUTIONS:

- Before turning on power, make sure that the CRT earth wire and other connectors are properly connected.
- When repairing, connect the DEG. COIL to the DEG. connector on the MAIN PWB.

3.2.5 WIRE CLAMPING AND CABLE TYING

- (1) Be sure to clamp the wire.
- (2) Never remove the cable tie used for tying the wires together.
Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

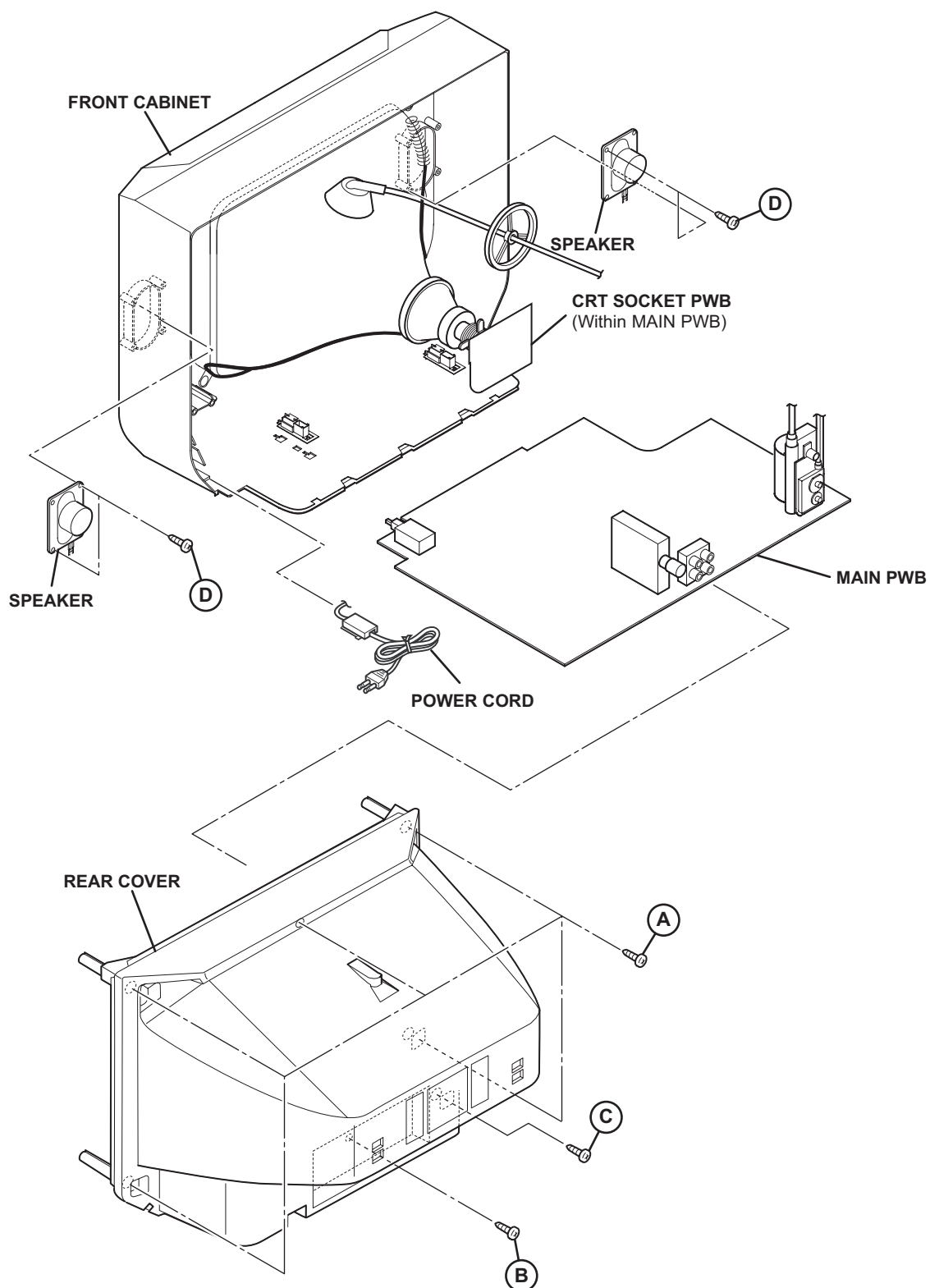


Fig.2

3.3 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.3.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off

Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC

Be sure to use the memory IC written with the initial setting values.

3. Power on

Connect the power plug to the AC outlet and switch on the power.

4. System constant check and setting

- It must not adjust without adjustment signals.
 - (1) Press the **[DISPLAY]** key and the **[PICTURE MODE]** key of the REMOTE CONTROL UNIT simultaneously.
 - (2) The SERVICE MENU screen of Fig. 1 will be displayed.
 - (3) While the SERVICE MENU is displayed, again press the **[DISPLAY]** key and **[PICTURE MODE]** key simultaneously, and the SYSTEM CONSTANT SET screen of Fig. 2 will be displayed.
 - (4) Check the setting values of the SYSTEM CONSTANT SETTING. If the value is different, select the setting item with the **[MENU ▲/▼]** key, and set the correct value with the **[MENU - / +]** key.
 - (5) Press the **[DISPLAY]** key twice, and return to the normal screen.

5. Receiving channel setting

Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

6. User settings

Check the user setting items according to the given in page later.

Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

7. SERVICE MENU setting

Verify what to set in the SERVICE MENU, and set whatever is necessary (Fig.1).

Refer to the SERVICE ADJUSTMENT for setting.

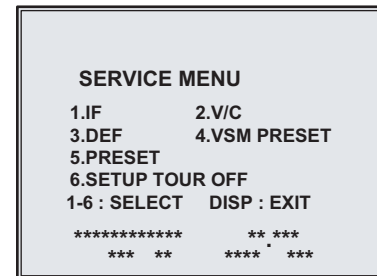


Fig.1

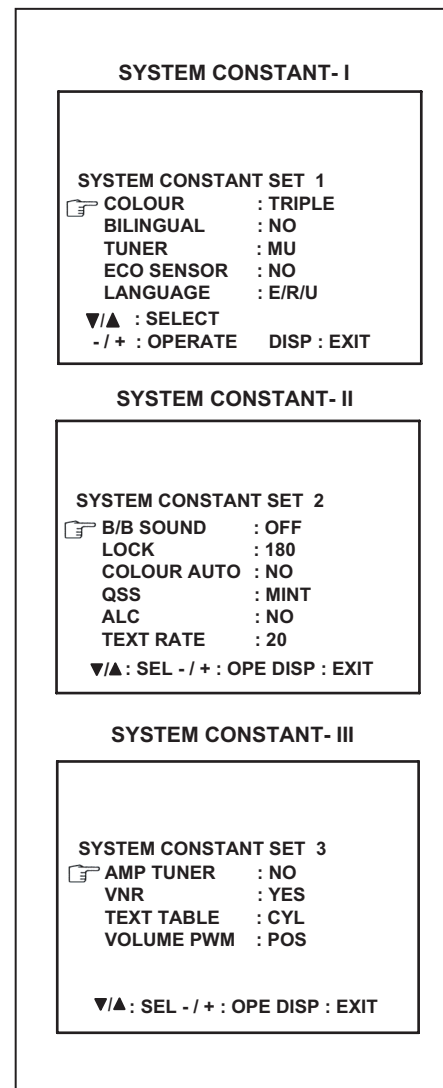
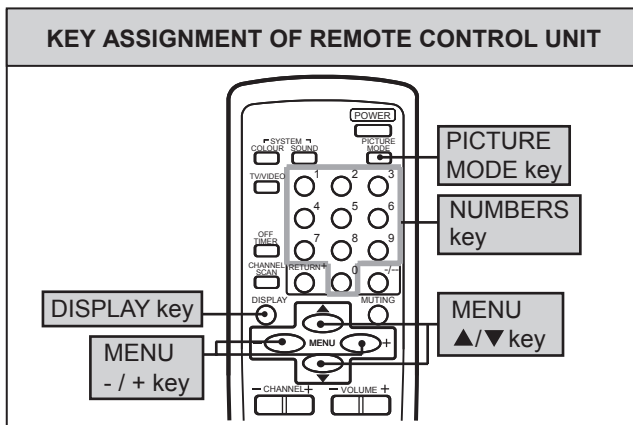


Fig.2



3.3.2 SETTINGS OF FACTORY SHIPMENT

3.3.2.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10

3.3.2.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
TV/VIDEO	TV
PICTURE MODE	BRIGHT
COLOUR SYSTEM	PAL
SOUND SYSTEM	B/G

3.3.2.3 REMOTE CONTROL MENU OPERATION

(1) MENU-1

Setting item	Setting position
INPUT	TV
ON TIMER	PR1 0:00
VNR	OFF

(2) MENU-2

Setting item	Setting position
AUTO SHUTOFF	OFF
CHILD LOCK	OFF
BLUE BACK	OFF

(3) MENU-3

Setting item	Setting position
SETUP TOUR	ON
LANGUAGE	ENGLISH

(4) MENU-4

Setting item	Setting position		
	BRIGHT	STANDARD	SOFT
TINT	15	15	15
COLOUR	15	15	15
BRIGHT	15	15	15
CONT.	30	15	11
SHARP	15	15	12

3.3.3 SYSTEM CONSTANT SETTING

Setting item	Setting value			
	AV-2106CE	AV-21F16	AV-21FMG6/G	AV-21FMG6B/G
COLOUR	TRIPLE	←	MULTI	←
BILINGUAL	NO	←	←	←
TUNER	MU	←	←	←
ECO SENSOR	NO	←	←	←
LANGUAGE	E / R / U	E / C / M / I	E / A / P / R	←
B/B SOUND	OFF	←	←	←
LOCK	180	←	←	←
COLOUR AUTO	NO	←	YES	←
QSS	MINT	←	←	←
ALC	NO	←	←	←
TEXT RATE	20	←	←	←
AMP TUNER	NO	←	←	←
VNR	YES	←	←	←
TEXT TABLE	CYL	←	←	←
VOLUM PWM	POS	←	←	←

3.3.4 SERVICE MENU SETTING ITEMS

Setting item	Setting value	Setting item	Setting value
2. V/C	1.CUT OFF 2.DRIVE 3.BRIGHT 4.CONT. 5.COLOUR 6.TINT 7.SECAM BL ADJUST 8.SHARP [Do not adjust] 9.AMP T. SHARP [Do not adjust]	5. PRESET [Do not adjust]	Colour System 1. C-TRAP FIX 2. SHARP PEAK 3. ABL 4. GAMMA 5. Y. DELAY TIME 6. BLACK EXP START 7. C-BPF 8. CW / SCP 9. VIF DET LEVEL 11. IF AGC MIN 12. VIF AGC 13. VIF PMOD 19. VNR 20. RGB LIM 21. RGB LIMIT LEVEL 23. TEXT H. POSITION 24. READ DATA
3. DEFLECTION	1. VER. POSITION 2. HOR. POSITION 3. VER. HEIGHT 4. VER. LINEARITY 5. VER. SCURVE 6. HOR. VCO ADJUST [Do not adjust]		Sound System 10. SIF DET LEVEL 14. SIF BPF BW ADJUST 15. SIF TRAP F0 ADJUST 16. SIF TRAP F0 ADJUST 2 17. SIF -TRAP 18. SIF -BPF 22. SIF SW
4.VSM PRESET	TINT COLOUR BRIGHT CONT. SHARP		

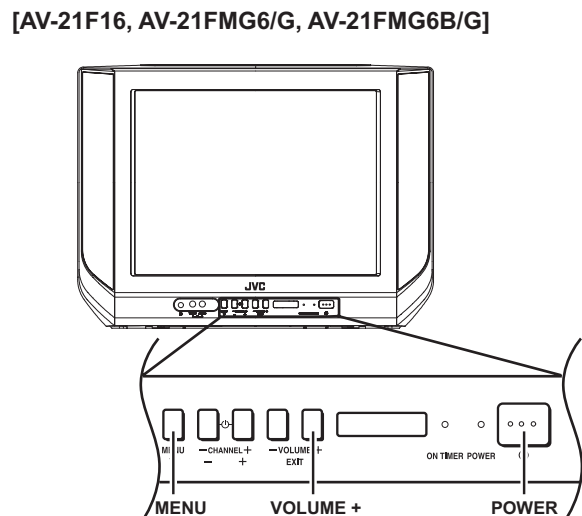
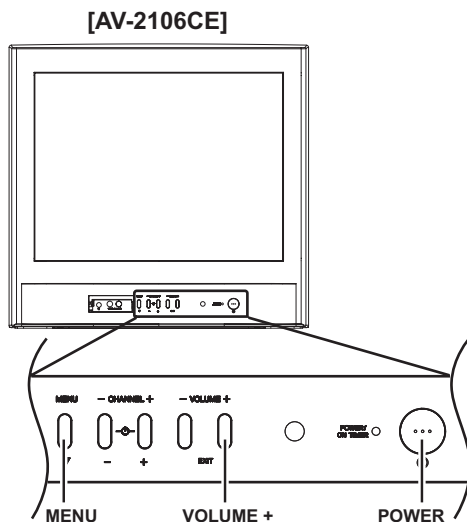
3.3.5 REPLACEMENT OF IC301 (IF V/C DECODER)

- For the IC301(IF V/C DECODER) of this model, all data are written in the micro-computer. So, write the data in the micro-computer in accordance with the following procedures before starting adjustment.

■ PROCEDURES

- Turn the POWER OFF.
- Replace the IC301 with a new one.
- While pressing **[MENU]** button and **[VOL+]** button ON the FRONT CABINET simultaneously, turn the POWER ON. When the POWER is turned ON, the data is written in the micro-computer immediately.

■ LOCATIONS OF FRONT PANEL BUTTONS



3.4 REPLACEMENT OF CHIP COMPONENT

3.4.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.4.2 SOLDERING IRON

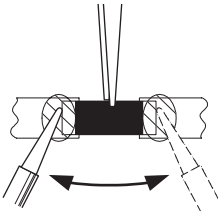
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.4.3 REPLACEMENT STEPS

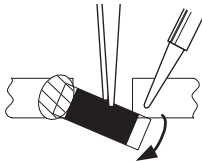
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

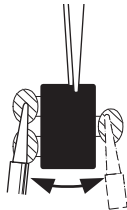


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



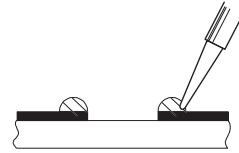
NOTE :

After removing the part, remove remaining solder from the pattern.

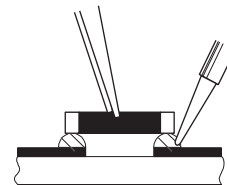
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

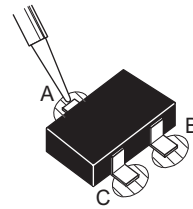


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

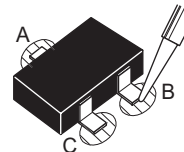


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

- (1) There are 2 ways of adjusting this TV : One is with the **REMOTE CONTROL UNIT** and the other is the conventional method using adjustment parts and components.
- (2) The adjustment using the **REMOTE CONTROL UNIT** is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENT

Unless otherwise specified in the adjustment items, preset the following functions with the **REMOTE CONTROL UNIT**.

Item	Preset value
PICTURE MODE	BRIGHT
TINT / COLOUR / BRIGHT / CONT. / SHARP	Centre
VNR	OFF
BLUE BACK	OFF
OFF TIMER	OFF
AUTO SHUT OFF	OFF

4.3 MEASURING INSTRUMENT AND FIXTURES

- (1) DC voltmeter (or digital voltmeter)
- (2) Oscilloscope
- (3) Signal generator
(Pattern generator : PAL / SECAM / NTSC)
- (4) Remote control unit

4.4 ADJUSTMENT ITEMS

■ CHECK ITEM

- B1 VOLTAGE check

■ TUNER / IF CIRCUIT

- IF VCO adjustment
- DELAY POINT adjustment

■ FOCUS

- FOCUS adjustment

■ DEFLECTION CIRCUIT

- V.HEIGHT / V.POSITION adjustment
- H. POSITION adjustment
- V.LINEARITY / V.S-CURVE adjustment

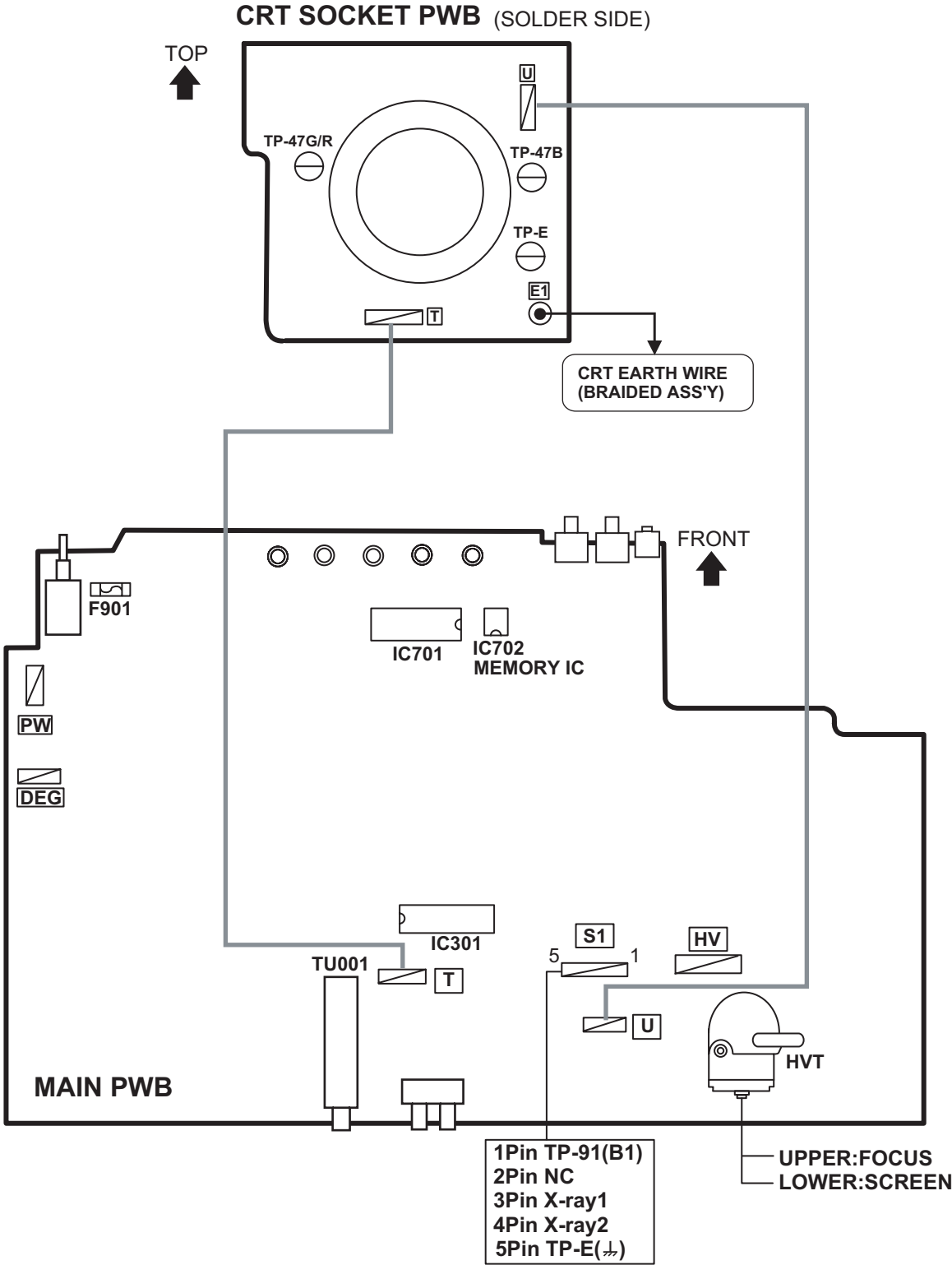
■ VIDEO CIRCUIT

- WHITE BALANCE adjustment
- SUB BRIGHT adjustment
- SUB CONTRAST adjustment
- SUB COLOUR adjustment
- SUB TINT adjustment
- SECAM BALACK OFFSET adjustment

■ VSM PRESET SETTING

- VSM PRESET setting

4.5 ADJUSTMENT LOCATIONS



4.6 BASIC OPERATION OF SERVICE MENU

4.6.1 TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

4.6.2 SERVICE MENU ITEMS

With the SERVICE MENU, various adjustments can be made, and they are broadly classified in the following items of settings.

1.IF	Adjustment of the IF circuits.
2.V/C	Adjustment of the VIDEO circuit.
3.DEF	Adjustment of the DEFLECTION circuit.
4.VSM PRESET	Adjustment of the initial setting values of VSM condition as STANDARD, SOFT and BRIGHT.
5.PRESET	Adjustment of the RF circuit [Do not adjust] .
6.SETUP TOUR	It should be able to select mode (LANGUAGE and AUTO CH PRESET) [Should be OFF] .

4.6.3 HOW TO ENTER THE SERVICE MENU

Press the **[DISPLAY]** key and the **[PICTURE MODE]** key of the REMOTE CONTROL UNIT simultaneously. Then enter the SERVICE MENU mode as shown in Fig.1.

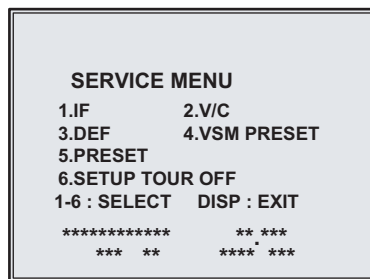


Fig.1

4.6.4 HOW TO STORE OF SETTING VALUE

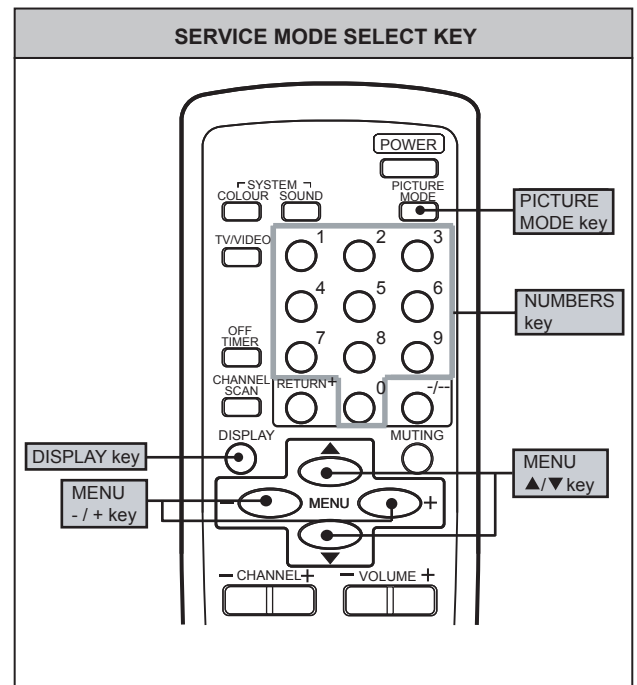
The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys

4.6.5 HOW TO EXIT THE SERVICE MENU

When complete the adjustment work, press the **[DISPLAY]** key to return to the SERVICE MENU. And then press the **[DISPLAY]** key again, return to the normal screen.

4.6.6 SELECTION OF SUB MENU SCREEN

Press one of **[1]** to **[5]** keys of the REMOTE CONTROL UNIT and select the SUB MENU SCREEN form the SERVICE MENU.



4.6.7 METHOD OF SETTING

■ 1. IF

[1. VCO]

- | | |
|-----------------------|---|
| (1) [1] key | Select 1. IF . |
| (2) [1] key | Select 1. VCO . |
| (3) [MENU ▲/▼] keys | Select setting items. |
| (4) [MENU - / +] keys | Adjust the values of the items. |
| (5) [DISPLAY] key | As you press this key twice, you will return to the SERVICE MENU . |

[2. DELAY POINT]

- | | |
|-----------------------|--|
| (1) [1] key | Select 1. IF . |
| (2) [2] key | Select 2. DELAY POINT . |
| (3) [MENU - / +] keys | Set (adjust) the setting values of the setting items. |
| (4) [DISPLAY] key | When this is pressed twice, you will return to the SERVICE MENU . |

NOTE:

When the setting value has been changed, the new value will be stored in memory immediately.

■ 2. V/C, 3. DEF and 4. VSM PRESET

- | | |
|-----------------------|--|
| (1) [2] to [4] keys | Select one from 2. V/C , 3. DEF and 4. VSM PRESET . |
| (2) [MENU ▲/▼] keys | Select setting items. |
| (3) [MENU - / +] keys | Adjust the values of the items. |
| (4) [DISPLAY] key | When this is pressed, return to the SERVICE MENU . |

NOTE:

When the setting value has been changed, the new value will be stored in memory immediately.

■ 5. PRESET (Do not adjust)

■ 6. SETUP TOUR

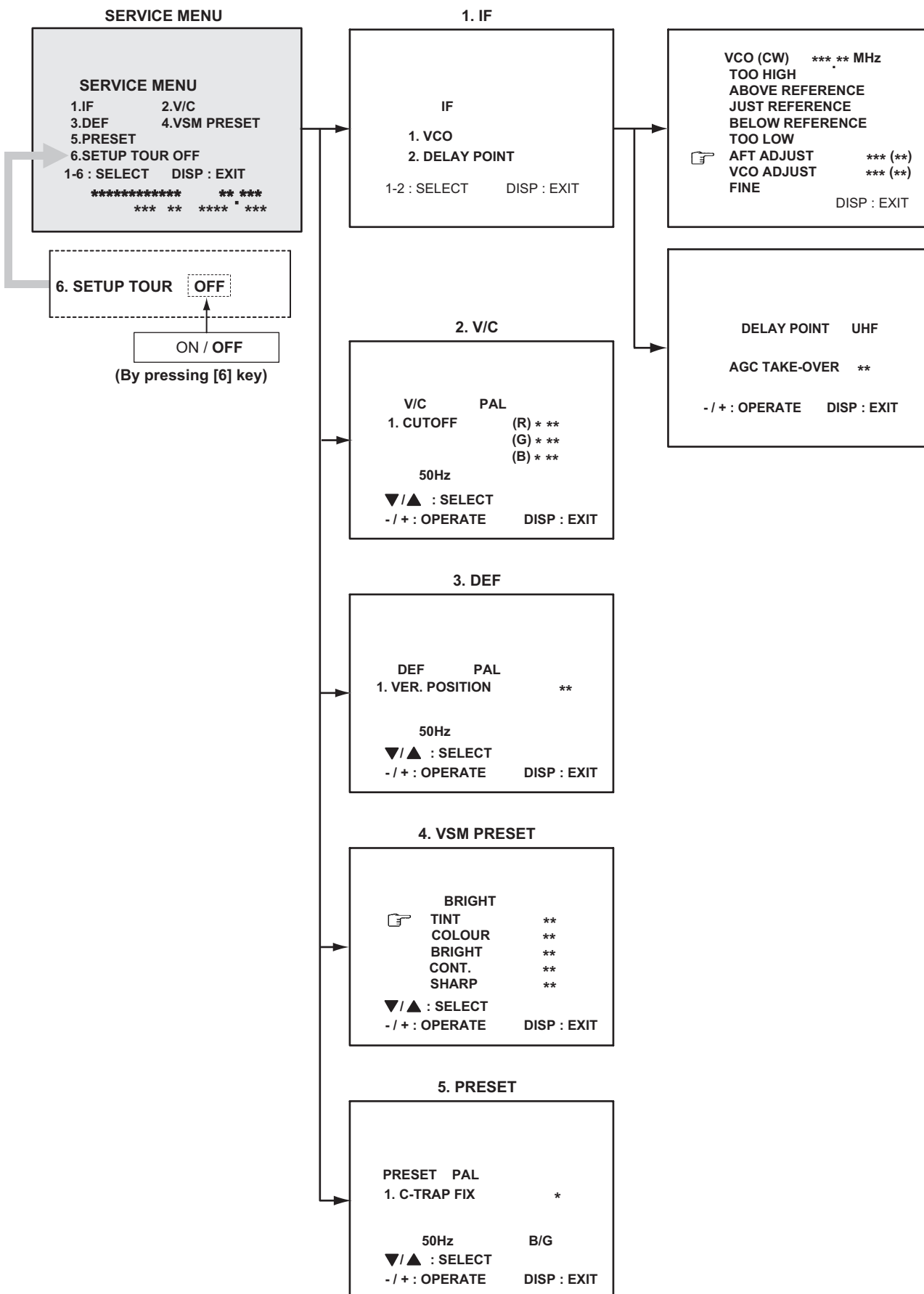
- (1) By pressing the [6] key, you can change the ON or OFF [**should be OFF**].

Should be OFF:

If it is ON, when you turn off the power and turn on a power again, the JVC's logo will be shown about 15 seconds automatically, and the SETUP TOUR starts.

- | | |
|-----------------------|------------------|
| (2) [MENU - / +] keys | Select Language. |
| (3) [MENU ▼] key | Auto Search. |

4.6.8 SERVICE MENU FLOW CHART



4.7 INITIAL SETTING VALUE OF SERVICE MENU

- Adjustment of the SERVICE MENU is made on the basis of the initial setting values ; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.
- Do not change the initial Setting Values of the Setting (Adjustment) items not listed in "ADJUSTMENT PROCEDURE".

[2. V/C] [AV-2106CE]

Setting item		Variable range	Initial setting value			
			PAL	SECAM	NTSC 3.58	NTSC 4.43
1.CUT OFF	RED	-128 - +127	-50	-50	-50	-50
	GREEN	-128 - +127	-50	-50	-50	-50
	BLUE	-128 - +127	-50	-50	-50	-50
2.DRIVE	RED	-128 - +127	+0	+0	+0	+0
	BLUE	-128 - +127	+0	+0	+0	+0
3.BRIGHT		-128 - +127	+0	+0	+0	+0
4.CONT.		-63 - +63	+0	+0	+0	+0
5.COLOUR		-63 - +63	+0	+0	+0	-5
6.TINT	TV	-63 - +63	---	---	+0	0
	VIDEO	-63 - +63	---	---	+0	+3
7.SECAM BL ADJUST		-31 - +31	+0	+0	+0	+0
8.SHARP (Do not adjust)	TV	-31 - +31	-8 (Fixed)	-8 (Fixed)	-8 (Fixed)	-8 (Fixed)
	VIDEO	-31 - +31	+15 (Fixed)	+15 (Fixed)	+15 (Fixed)	+15 (Fixed)
9.AMP T. SHARP		-31 - +31	-12	-12	-12	-12

[2. V/C] [AV-21F16]

Setting item		Variable range	Initial setting value			
			PAL	SECAM	NTSC 3.58	NTSC 4.43
1.CUT OFF	RED	-128 - +127	-50	-50	-50	-50
	GREEN	-128 - +127	-50	-50	-50	-50
	BLUE	-128 - +127	-50	-50	-50	-50
2.DRIVE	RED	-128 - +127	+0	+0	+0	+0
	BLUE	-128 - +127	+0	+0	+0	+0
3.BRIGHT		-128 - +127	+0	+0	+0	+0
4.CONT.		-63 - +63	+0	+0	+0	+0
5.COLOUR		-63 - +63	+0	+0	+0	-5
6.TINT	TV	-63 - +63	---	---	---	---
	VIDEO	-63 - +63	---	---	+0	-1
7.SECAM BL ADJUST		-31 - +31	+0	+0	+0	+0
8.SHARP (Do not adjust)	TV	-31 - +31	-8 (Fixed)	-8 (Fixed)	-8 (Fixed)	-8 (Fixed)
	VIDEO	-31 - +31	+15 (Fixed)	+15 (Fixed)	+15 (Fixed)	+15 (Fixed)
9.AMP T. SHARP		-31 - +31	-12	-12	-12	-12

[2. V/C] [AV-21FMG6/G, AV-21FMG6B/G]

Setting item		Variable range	Initial setting value			
			PAL	SECAM	NTSC 3.58	NTSC 4.43
1.CUT OFF	RED	-128 - +127	-50	-50	-50	-50
	GREEN	-128 - +127	-50	-50	-50	-50
	BLUE	-128 - +127	-50	-50	-50	-50
2.DRIVE	RED	-128 - +127	+0	+0	+0	+0
	BLUE	-128 - +127	+0	+0	+0	+0
3.BRIGHT		-128 - +127	+0	+0	+0	+0
4.CONT.		-63 - +63	+0	+0	+0	+0
5.COLOUR		-63 - +63	+0	+0	+0	-5
6.TINT	TV	-63 - +63	---	---	+0	+0
	VIDEO	-63 - +63	---	---	+7	-1
7.SECAM BL ADJUST		-31 - +31	+0	+0	+0	+0
8.SHARP (Do not adjust)	TV	-31 - +31	-8 (Fixed)	-8 (Fixed)	-8 (Fixed)	-8 (Fixed)
	VIDEO	-31 - +31	+15 (Fixed)	+15 (Fixed)	+15 (Fixed)	+15 (Fixed)
9.AMP T. SHARP		-31 - +31	-12	-12	-12	-12

[3. DEFLECTION]

Setting item	Variable range	Initial setting value	
		fv : 50Hz	fv : 60Hz
1. VER. POSITION	-4 - +3	-1	-3
2. HOR. POSITION	-16 - +15	+3	+3
3. VER. HEIGHT	-64 - +63	-35	+1
4. VER. LINEARITY	-32 - +31	+15	-1
5. VER. SCURVE	-32 - +31	-32	+0
6. HOR. VCO ADJUST [Do not adjust]	-63 - +63	+0	+0

[4.VSM PRESET] [AV-2106CE]

Setting item	Variable range	Initial setting value		
		BRIGHT	STANDARD	SOFT
TINT	0 - 30	15	15	15
COLOUR	0 - 30	15	15	15
BRIGHT	0 - 30	15	15	15
CONT.	0 - 30	30	15	11
SHARP	0 - 30	15	15	12

[4.VSM PRESET] [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

Setting item	Variable range	Initial setting value		
		BRIGHT	STANDARD	SOFT
TINT	0 - 30	15	15	15
COLOUR	0 - 30	15	15	15
BRIGHT	0 - 30	15	15	15
CONT.	0 - 30	30	18	14
SHARP	0 - 30	20	15	12

[5. PRESET]

The items in the following table, it is no requirement for adjustment. If values had changed by the miss operation, set the initial setting values in the following table.

● COLOUR SYSTEM (Do not adjust)

Setting item	Variable range	Initial setting value (Fixed value)			
		PAL	SECAM	NTSC 3.58	NTSC 4.43
1. C TRAP FIX	0 - 1	1	1	1	1
2. SHARP PEAK	0 - 1	0	0	0	0
3. ABL	0 - 1	1	1	1	1
4. GAMMA	0 - 1	0	0	0	0
5. Y. DELAY TIME	TV	0	2	2	3
	VIDEO	0	2	0	2
6. BLACK EXP START	0 - 3	3	3	3	3
7. C-BPF	TV	1	1	0	0
	VIDEO	1	1	1	1
8. CW / SCP	0 - 1	0	0	0	0
9. VIF DET LEVEL	-63 - +63	+0	+0	+0	+0
11. IF AGC MIN	0 - 1	0	0	0	0
12. VIF AGC	0 - 1	0	0	0	0
13. VIF PMOD	0 - 1	0	0	0	0
19. VNR	0 - 63	15	15	15	15
20. RGB LIM	0 - 1	1	1	1	1
21. RGB LIMIT LEVEL	0 - 7	2	2	2	2
23. TEXT H. POSITION	-16 - +15	-3	-3	-3	-3
24. READ DATA	---	---	---	---	---

● SOUND SYSTEM (Do not adjust)

Setting item	Variable range	Initial setting value (Fixed value)			
		B/G	I	D/K	M
10. SIF DET LEVEL	-7 - +7	+0	+0	+0	+0
14. SIF BPF BW ADJUST	-7 - +7	+0	+0	+0	+0
15. SIF TRAP FO ADJUST	-7 - +7	+0	+0	+0	+0
16. SIF TRAP FO ADJUST 2	-7 - +7	+0	+0	+0	+0
17. SIF -TRAP	0 - 1	0	0	0	0
18. SIF -BPF	0 - 1	0	0	0	1
22. SIF SW	0 - 1	1	1	1	0

4.8 ADJUSTMENT PROCEDURE

4.8.1 CHECK ITEM

Item	Measuring instrument	Test point	Adjustment part	Description
B1 VOLTAGE	Signal generator DC voltmeter	TP-B1 : 1-pin TP-E : 5-pin (S1 connector) [MAIN PWB]		(1) Receive a whole black signal. (2) Connect a DC voltmeter to 1-pin and 5-pin of S1 connector. (3) Make sure that the voltage is DC116.2V±2.0V.

4.8.2 TUNER / IF CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
IF VCO	Signal generator Remote control unit		[1. IF] 1. VCO	<ul style="list-style-type: none"> Please use a signal generator which frequency output is correctly calibrated. (1) Receive any broadcast. (2) Select 1.IF from the SERVICE MENU. (3) Select < 1.VCO >. (4) Select VCO ADJUST with [MENU ▲/▼] key. (5) Press [MENU - / +] keys until the colour of the characters TOO HIGH changes blue to yellow. Then gradually press the [MENU - / +] keys until the TOO LOW changes yellow. At this time, confirm that the value of VCO ADJUST is near +00. (6) Select AFT ADJUST with [MENU ▲/▼] key. (7) Press [MENU - / +] keys until the characters JUST REFERENCE changes blue to yellow. (8) Press the [DISPLAY] key three times to return to normal screen.

VCO (CW) ***. ** MHz
TOO HIGH
ABOVE REFERENCE
JUST REFERENCE
BELOW REFERENCE
TOO LOW
AFT ADJUST ***(**)
VCO ADJUST ***(**)
FINE
DISP : EXIT

← YELLOW ←

← JUST REFERENCE ←

Item	Measuring instrument	Test point	Adjustment part	Description
DELAY POINT (AGC)	Signal generator Remote control unit		[1. IF] 2. DELAY POINT (AGC TAKE-OVER)	(1) Receive a black and white signal (colour off). (2) Select 1. IF. (3) Select < 2. DELAY POINT >. (4) Set the setting values of the setting items as shown bellow table. (5) Then adjust the [MENU - / +] keys until video noise disappears. (6) Turn to other channels and make sure that there are no irregularities.
<div><div>DELAY POINT UHF AGC TAKE-OVER ** - / + : OPERATE DISP : EXIT</div></div>				
Setting Item		Variable range	Initial setting value	
DELAY POINT (AGC TAKE-OVER)	NTSC3.58	0 - 127	45	
	OTHER		35	

4.8.3 FOCUS

Item	Measuring instrument	Test point	Adjustment part	Description
FOCUS	Signal generator		FOCUS VR [In HVT]	(1) Receive a crosshatch signal. (2) While watching the screen, adjust the FOCUS VR to make the vertical and horizontal lines as fine and sharp as possible. (3) Make sure that when the screen is darkened, the lines remain in good focus.

4.8.4 DEFLECTION CIRCUIT

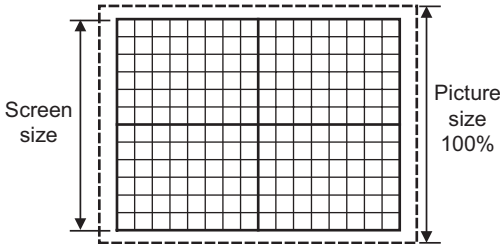
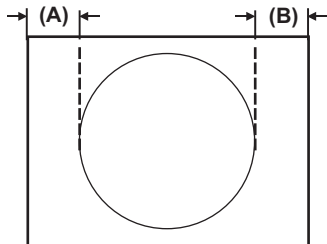
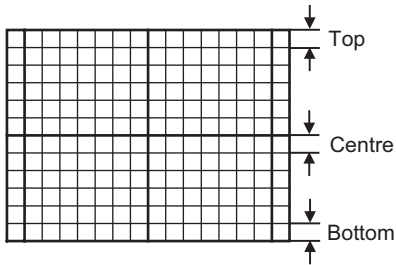
- There are 2 modes of adjustment (setting value) 50Hz mode and 60Hz mode, depending upon the kind of signals (vertical frequency 50Hz / 60Hz).
- When adjusted in 50Hz mode and 60Hz mode will be automatically set.

The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.

- Make sure that the adjustment is properly done on the screen of 60Hz mode.

NOTE:

- Adjust to make both 50Hz & 60Hz are the same v. size and fine straight line.
- When adjust again, adjust 50Hz mode first.
- When adjust in 60Hz mode, only 60Hz mode is adjust.

Item	Measuring instrument	Test point	Adjustment part	Description
V. HEIGHT / V. POSITION	Signal generator Remote control unit		[3. DEF] 1. VER. POSITION 3. VER. HEIGHT	(1) Receive a crosshatch signal. (2) Select 3. DEF from the SERVICE MENU. (3) Select < 1. VER. POSITION >. (4) Set the initial setting value of < 1. VER. POSITION >. (5) Adjust < 1. VER. POSITION > to make the vertical centre fall on the display centre. (6) Select < 3. VER. HEIGHT >. (7) Set the initial setting value of < 3. VER. HEIGHT >. (8) Adjust < 3. VER. HEIGHT > to make the vertical screen size be 92% of the picture size.
 <p>Fig.1</p>				
H. POSITION	Signal generator Remote control unit		[3. DEF] 2. HOR. POSITION	(1) Receive a circle pattern signal. (2) Select 3. DEF from the SERVICE MENU. (3) Select < 2. HOR. POSITION >. (4) Set the initial setting value of < 2. HOR. POSITION >. (5) Adjust < 2. HOR. POSITION > to be equal the width of (A) and (B) as shown in Fig.2.
 <p>Fig.2</p>				
V.LINEARITY / V.S-CURVE	Signal generator Remote control unit		[3. DEF] 4. VER. LIN. 5. VER. SCURVE	• If the vertical linearity is noticeably deteriorated, perform the following steps. (1) Receive a crosshatch signal. (2) Select 3. DEF from the SERVICE MENU. (3) Select < 4. VER. LIN. >. (4) Set the initial setting value of < 4. VER. LIN. >. (5) Select < 5. VER. SCURVE >. (6) Set the initial setting value of < 5. VER. SCURVE >. (7) Adjust < 4. VER. LIN. > and < 5. VER. SCURVE > so that the space of upper and lower lines as shown in Fig.3 on TOP, CENTRE and BOTTOM become uniform.
 <p>Fig.3</p>				

4.8.5 VIDEO CIRCUIT

The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values. Do not change the initial setting values of the setting items not listed in "ADJUSTMENT PROCEDURE".


Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (LOW LIGHT)	Signal generator Remote control unit		[2.V/C] 1. CUT OFF (R) 1. CUT OFF (G) 1. CUT OFF (B) SCREEN VR [IN HVT]	(1) Receive a black and white signal (colour off). (2) Select 2. V/C from the SERVICE MENU. (3) Select < 1. CUT OFF >. (4) Set the initial setting value of < 1. CUT OFF >. (5) Press the [1] key to show the single horizontal line on screen. (6) Turn the SCREEN VR fully counter-clockwise, then slowly turn it clockwise to where one of a red, blue or green colour is faintly visible. (7) Adjust the two colors which did not appear until the single horizontal line that is displayed becomes white using the [4] to [9] keys. (8) Turn the SCREEN VR to where the single horizontal line glows faintly. (9) Press the [2] key to turn off the single horizontal line. (10) Press the [DISPLAY] key twice to return to the normal screen.
<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center; background-color: #cccccc; margin: -10px -10px 10px -10px;">KEY ASSIGNMENT OF REMOTE CONTROL UNIT</p> </div>				
WHITE BALANCE (HIGH LIGHT)	Signal generator Remote control unit		[2.V/C] 2. DRIVE (R) 2. DRIVE (B)	(1) Receive a black and white signal (colour off). (2) Select 2. V/C from the SERVICE MENU. (3) Select < 2. DRIVE >. (4) Set the initial setting value of < 2. DRIVE >. (5) Adjust the screen until it becomes white using the [4] , [6] , [7] and [9] keys. (6) Press the [DISPLAY] key twice to return to the normal screen.
<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center; background-color: #cccccc; margin: -10px -10px 10px -10px;">KEY ASSIGNMENT OF REMOTE CONTROL UNIT</p> </div>				
SUB BRIGHT	Remote control unit		[2. V/C] 3. BRIGHT	(1) Receive any broadcast. (2) Select 2. V/C from the SERVICE MENU. (3) Select < 3. BRIGHT >. (4) Set the initial setting value of < 3. BRIGHT >. (5) If the brightness is not the best with the initial setting value, make fine adjustment until you get the best brightness.
SUB CONTRAST	Remote control unit		[2. V/C] 4. CONT.	(1) Receive any broadcast. (2) Select 2. V/C from the SERVICE MENU. (3) Select < 4. CONT >. (4) Set the initial setting value of < 4. CONT >. (5) If the contrast is not the best with the initial setting value, make fine adjustment until you get the best contrast.

Item	Measuring instrument	Test point	Adjustment part	Description
SUB COLOUR	Remote control unit		[2. V/C] 5. COLOUR (PAL / SECAM / NTSC)	[Method of adjustment without measuring instrument] PAL COLOUR (1) Receive a PAL broadcast. (2) Select 2. V/C from the SERVICE MENU. (3) Select < 5. COLOUR >. (4) Set the initial setting value of < 5. COLOUR >. (5) If the colour is not the best with the initial setting value, make fine adjustment until you get the best colour. SECAM COLOUR (1) Receive a SECAM broadcast. (2) Make fine adjustment of SECAM COLOUR as previously. NTSC 3.58 COLOUR (1) Receive a NTSC 3.58MHz broadcast. (2) Make similar fine adjustment of NTSC 3.58 COLOUR as previously. NTSC 4.43 COLOUR (1) When NTSC 3.58 adjustment completed, NTSC 4.43 will be automatically set at the respective values.
	Signal generator Oscilloscope Remote control unit	TP-47G/R TP-E [CRT SOCKET PWB]	[2. V/C] 5. COLOUR (PAL / SECAM / NTSC)	[Method of adjustment using measuring instrument] PAL COLOUR (1) Receive a PAL full field colour bar signal (75% white). (2) Select 2. V/C from the SERVICE MENU. (3) Select < 5. COLOUR >. (4) Set the initial setting value of < 5. COLOUR >. (5) Connect the oscilloscope between TP-47G/R and TP-E. (6) Adjust PAL COLOUR to bring the value of (A) in the voltage table. SECAM COLOUR (1) Receive a SECAM full field colour bar signal (75% white). (2) Set the initial setting value of SECAM COLOUR . (3) Adjust SECAM COLOUR to bring the value of (A) in the voltage table. NTSC 3.58 COLOUR (1) Receive a NTSC 3.58 full field colour bar signal (75% white). (2) Set the initial setting value of NTSC 3.58 COLOUR. (3) Adjust NTSC 3.58 COLOUR to bring the value of (A) in the voltage table. NTSC 4.43 COLOUR (1) When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

MODEL	Voltage setting (A)			
	PAL	SECAM	NTSC3.58	NTSC4.43
AV-2106CE	+11V	+0V	+6V	---
AV-21F16	+12V	+3V	+6V (VIDEO)	---
AV-21FMG6/G AV-21FMG6B/G	+12V	+3V	+8V (RF)	---

Item	Measuring instrument	Test point	Adjustment part	Description														
SUB TINT	Signal generator Remote control unit		[2. V/C] 6. TINT	[Method of adjustment without measuring instrument] NTSC 3.58 TINT (1) Receive a NTSC 3.58 full field colour bar signal (75% white). (2) Select 2. V/C from the SERVICE MENU. (3) Select < 6. TINT >. (4) Set the initial setting value of < 6. TINT >. (5) If you cannot get the best tint with the initial setting value, make fine adjustment until you get the best tint. NTSC 4.43 TINT (1) When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.														
	Signal generator Oscilloscope Remote control unit	TP-47G/R TP-E [CRT SOCKET PWB]	[2. V/C] 6. TINT	[Method of adjustment using measuring instrument] NTSC 3.58 TINT (1) Receive a NTSC 3.58 full field colour bar signal (75% white). (2) Select 2. V/C from the SERVICE MENU. (3) Select < 6. TINT >. (4) Set the initial setting value of < 6. TINT >. (5) Connect the oscilloscope between TP-47G/R and TP-E. (6) Adjust NTSC 3.58 TINT to bring the value of (B) in the voltage table in the left. NTSC 4.43 TINT (1) When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.														
<div></div> <table><thead><tr><th rowspan="2">MODEL</th><th colspan="2">Voltage setting (B)</th></tr><tr><th>NTSC3.58</th><th>NTSC4.43</th></tr></thead><tbody><tr><td>AV-2106CE</td><td>+4V</td><td>---</td></tr><tr><td>AV-21F16</td><td>+4V (VIDEO)</td><td>---</td></tr><tr><td>AV-21FMG6/G AV-21FMG6B/G</td><td>+4V (RF)</td><td>---</td></tr></tbody></table>					MODEL	Voltage setting (B)		NTSC3.58	NTSC4.43	AV-2106CE	+4V	---	AV-21F16	+4V (VIDEO)	---	AV-21FMG6/G AV-21FMG6B/G	+4V (RF)	---
MODEL	Voltage setting (B)																	
	NTSC3.58	NTSC4.43																
AV-2106CE	+4V	---																
AV-21F16	+4V (VIDEO)	---																
AV-21FMG6/G AV-21FMG6B/G	+4V (RF)	---																
SECAM BLACK OFFSET	Signal generator Remote control unit		[2. V/C] 7. SECAM BL ADJUST	(1) Input a SECAM full field colour bar signal. (2) Select 2. V/C from the SERVICE MENU. (3) Select < 7. SECAM BL ADJUST >. (4) Set the initial setting value of < 7. SECAM BL ADJUST >. (5) Switch the [1] key (colour OFF) and [2] key (colour ON) and make sure that there is no colour on the black and white screen. (6) If the black and white screen is not best with the initial setting value, make fine adjustment until you get the best black and white screen. (7) While watching the screen, adjust the value to be the same colour between ON & OFF by [1] or [2] key. (8) Press the [DISPLAY] key twice to return to the normal screen.														
<div><div>KEY ASSIGNMENT OF REMOTE CONTROL UNIT</div><div><div>COLOUR ON</div><div>COLOUR OFF</div><div><div><div>1</div><div>2</div><div>3</div></div><div><div>4</div><div>5</div><div>6</div></div><div><div>7</div><div>8</div><div>9</div></div></div></div></div>																		

4.8.6 VSM PRESET SETTING

Item	Measuring instrument	Test point	Adjustment part	Description
VSM PRESET	Remote control unit		[4. VSM PRESET] TINT COLOUR BRIGHT CONT. SHARP	(1) Select 4. VSM PRESET from the SERVICE MENU. (2) Set the PICTURE MODE to BRIGHT. (3) Select < TINT >. (4) Set the initial setting value of < TINT > as shown in the below table. (5) Select < COLOUR > to < SHARP > in turn, and set the values. (6) Respectively select the " SOFT " and " STANDARD ". Make similar adjustment as same step as above.
<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>BRIGHT</p> <p>  TINT ** COLOUR ** BRIGHT ** CONT. ** SHARP ** </p> <p>▼/▲ : SELECT - / + : OPREATE DISP : EXIT</p> </div>				

[4.VSM PRESET] [AV-2106CE]

Setting item	Variable range	Initial setting value		
		BRIGHT	STANDARD	SOFT
TINT	0 - 30	15	15	15
COLOUR	0 - 30	15	15	15
BRIGHT	0 - 30	15	15	15
CONT.	0 - 30	30	15	11
SHARP	0 - 30	15	15	12

[4.VSM PRESET] [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

Setting item	Variable range	Initial setting value		
		BRIGHT	STAN-DARD	SOFT
TINT	0 - 30	15	15	15
COLOUR	0 - 30	15	15	15
BRIGHT	0 - 30	15	15	15
CONT.	0 - 30	30	18	14
SHARP	0 - 30	20	15	12

SECTION 5 TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



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CRT Display Category 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

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SCHEMATIC DIAGRAMS

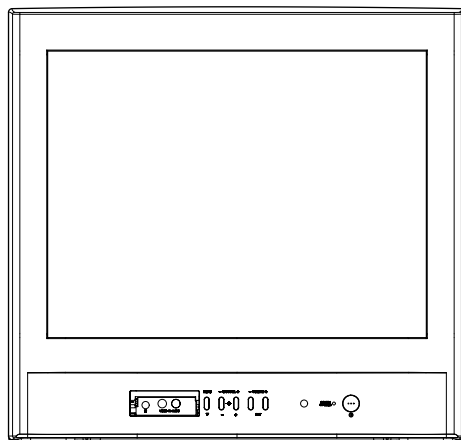
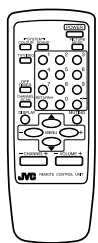
COLOUR TELEVISION

AV-2106CE, AV-21F16, AV-21FMG6/G, AV-21FMG6B/G

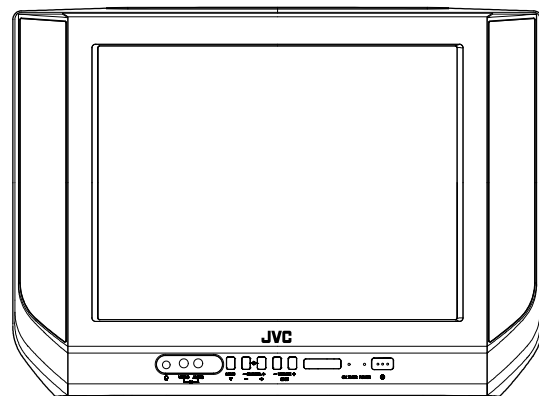
CD-ROM No.SML200604

BASIC CHASSIS

CG4



[AV-2106CE]



[AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

AV-2106CE, AV-21F16, AV-21FMG6/G, AV-21FMG6B/G

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the \triangle symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

●Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply



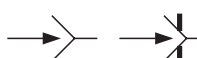
-  : B1
-  : B2 (12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated





(5)Test point

-  : Test point
-  : Only test point display



(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

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MAIN PWB CIRCUIT DIAGRAM [AV-2106CE] (2/3)(3/3)

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MAIN PWB PATTERN [AV-21FMG6B/G, AV-21FMG6/G, AV-21F16]

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USING P.W. BOARD

PWB ASS'Y name	AV-2106CE	AV-21F16	AV-21FMG6/G	AV-21FMG6B/G
MAIN P.W. BOARD	SCG-1517A-H2	SCG-1541A-H2	SCG-1542A-H2	SCG-1543A-H2

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

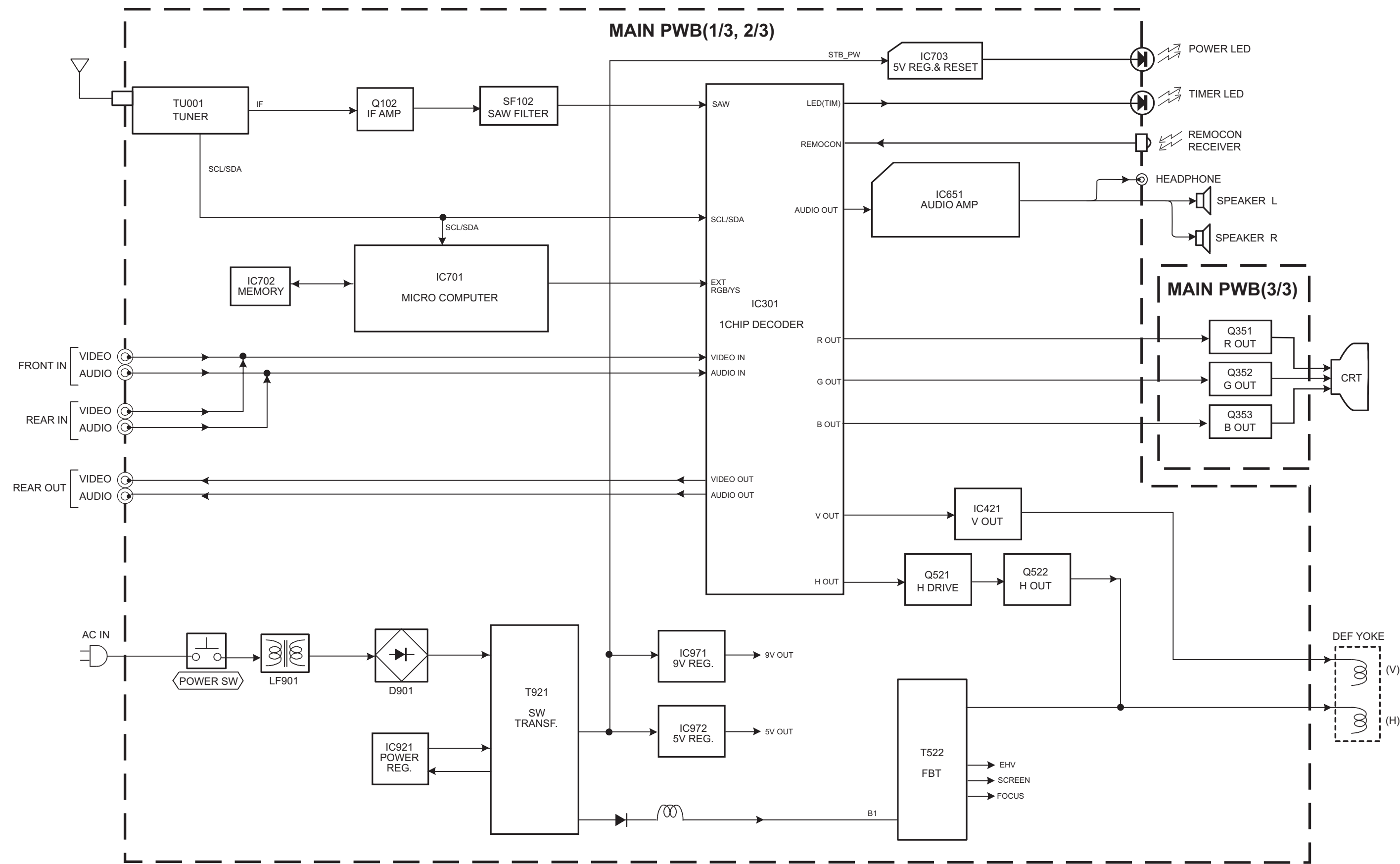
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW

CHIP IC

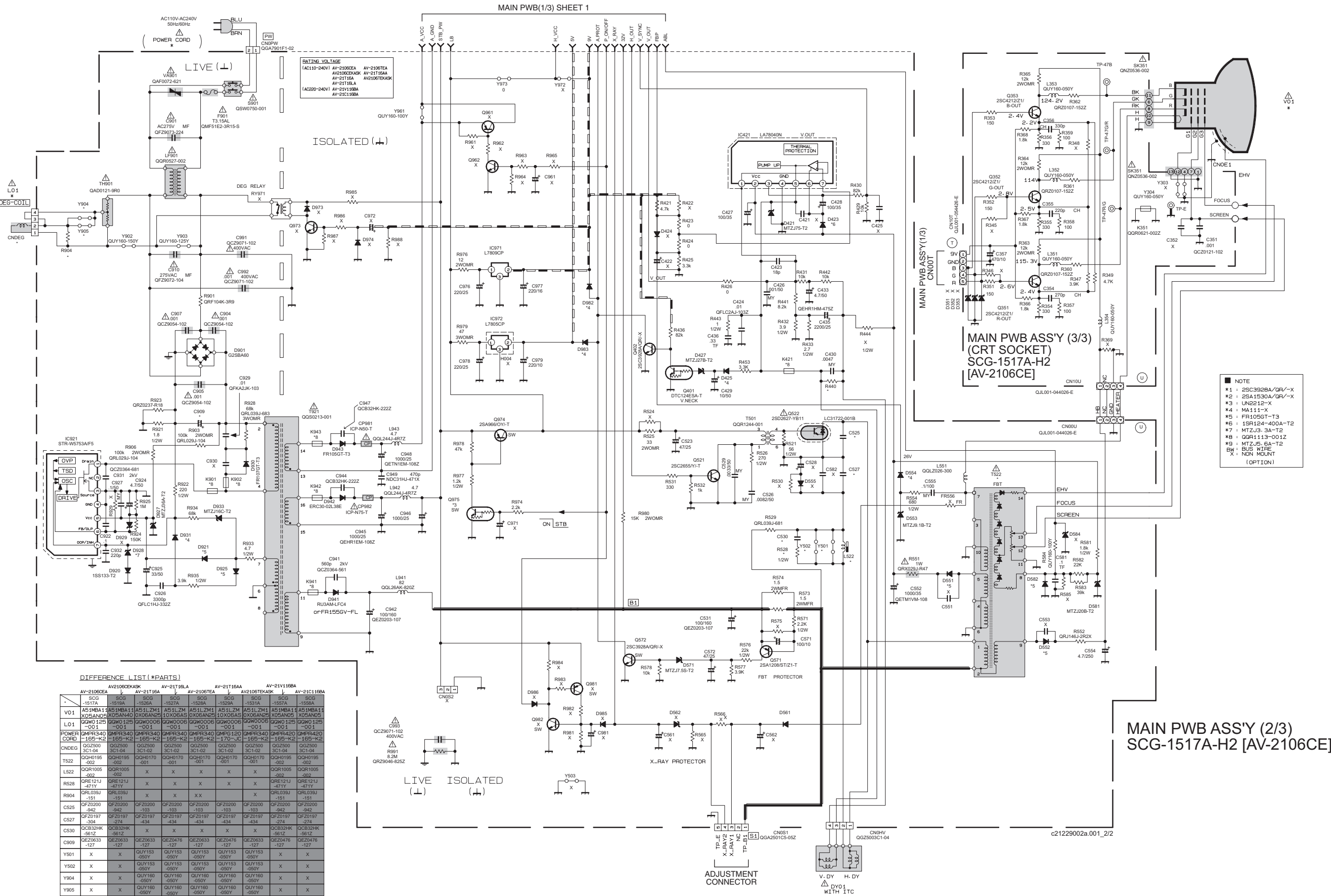
TOP VIEW		

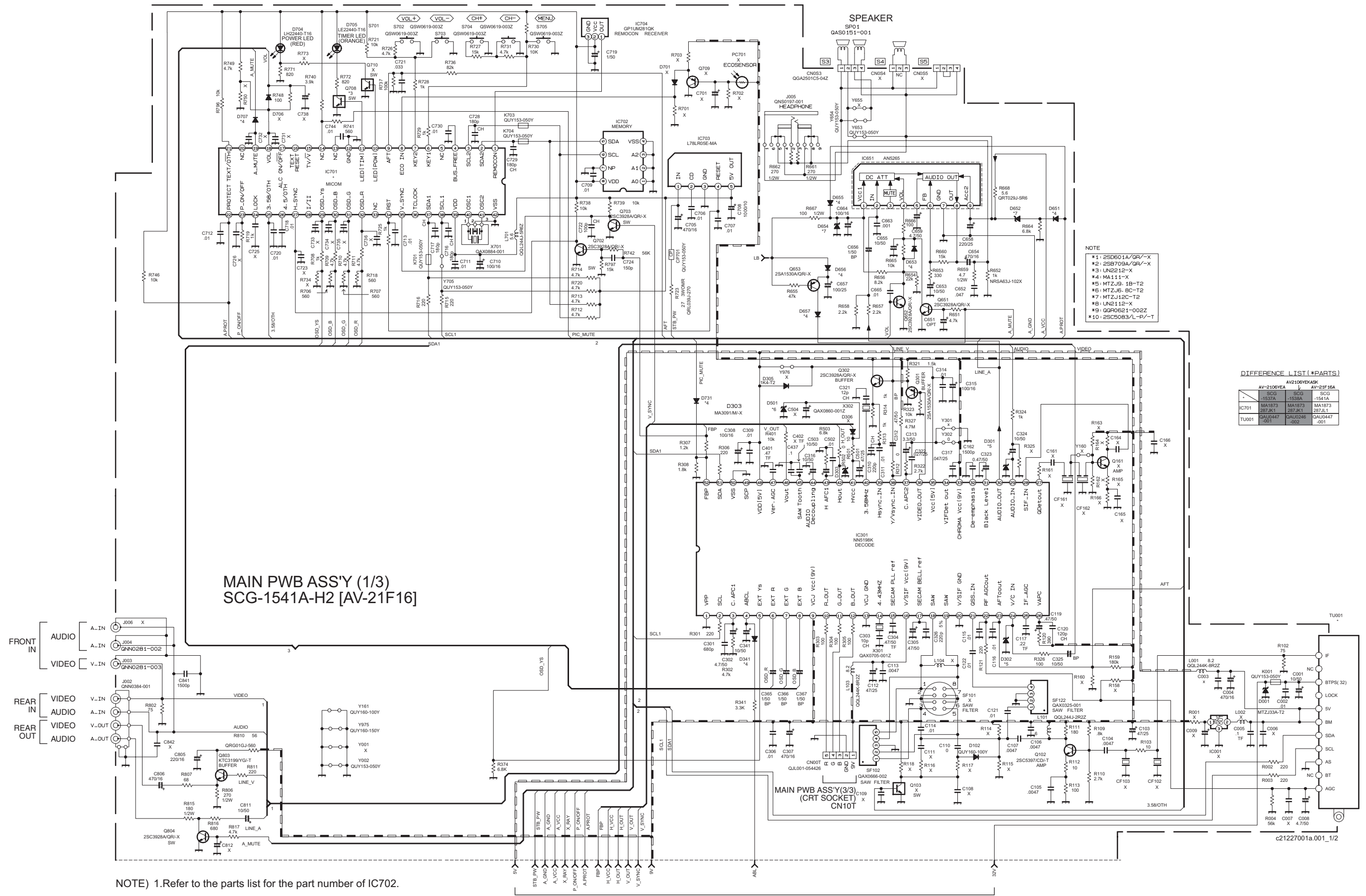
BLOCK DIAGRAM



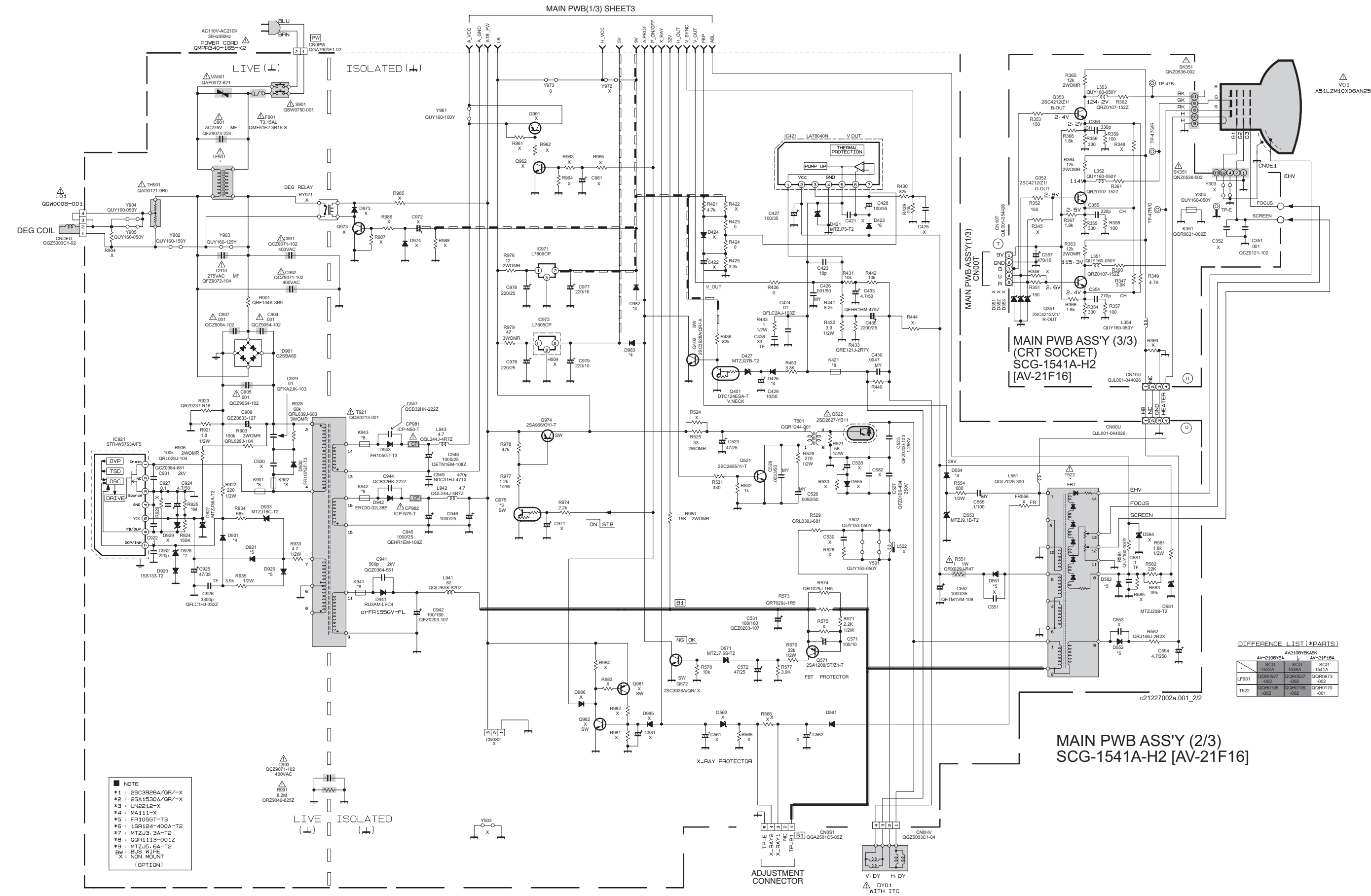
MAIN PWB CIRCUIT DIAGRAM [AV-2106CE] (1/3) SHEET1

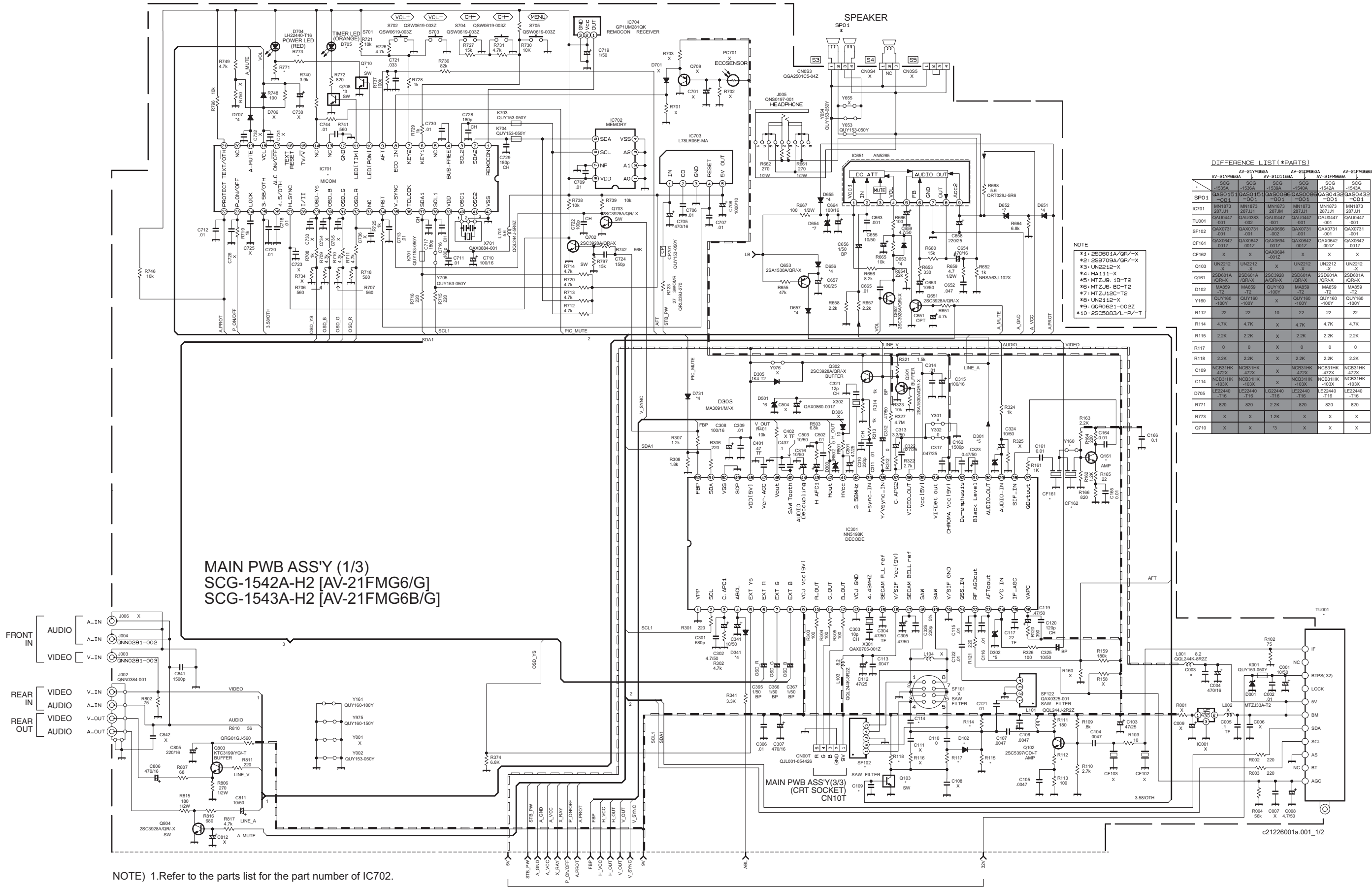


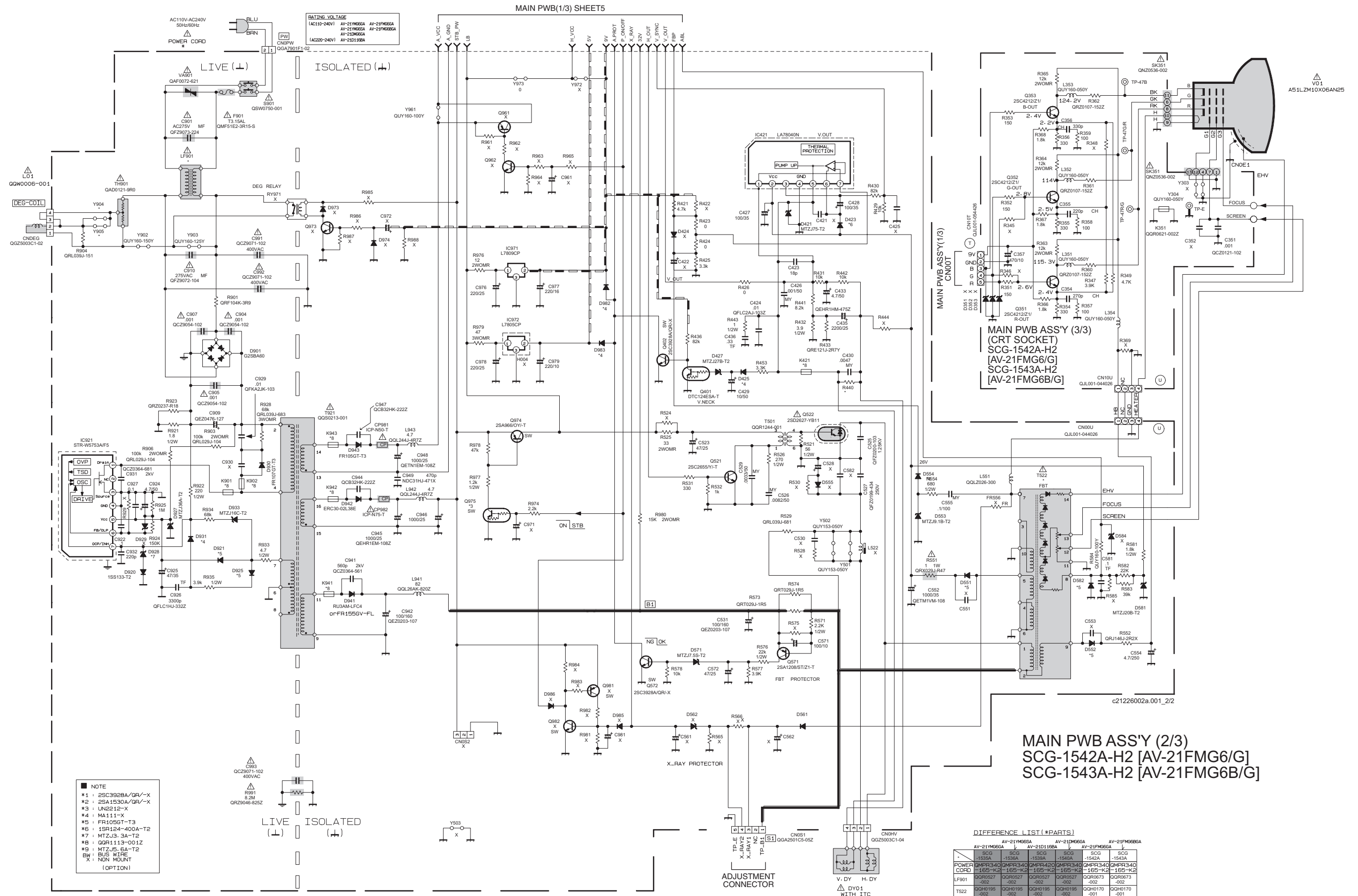




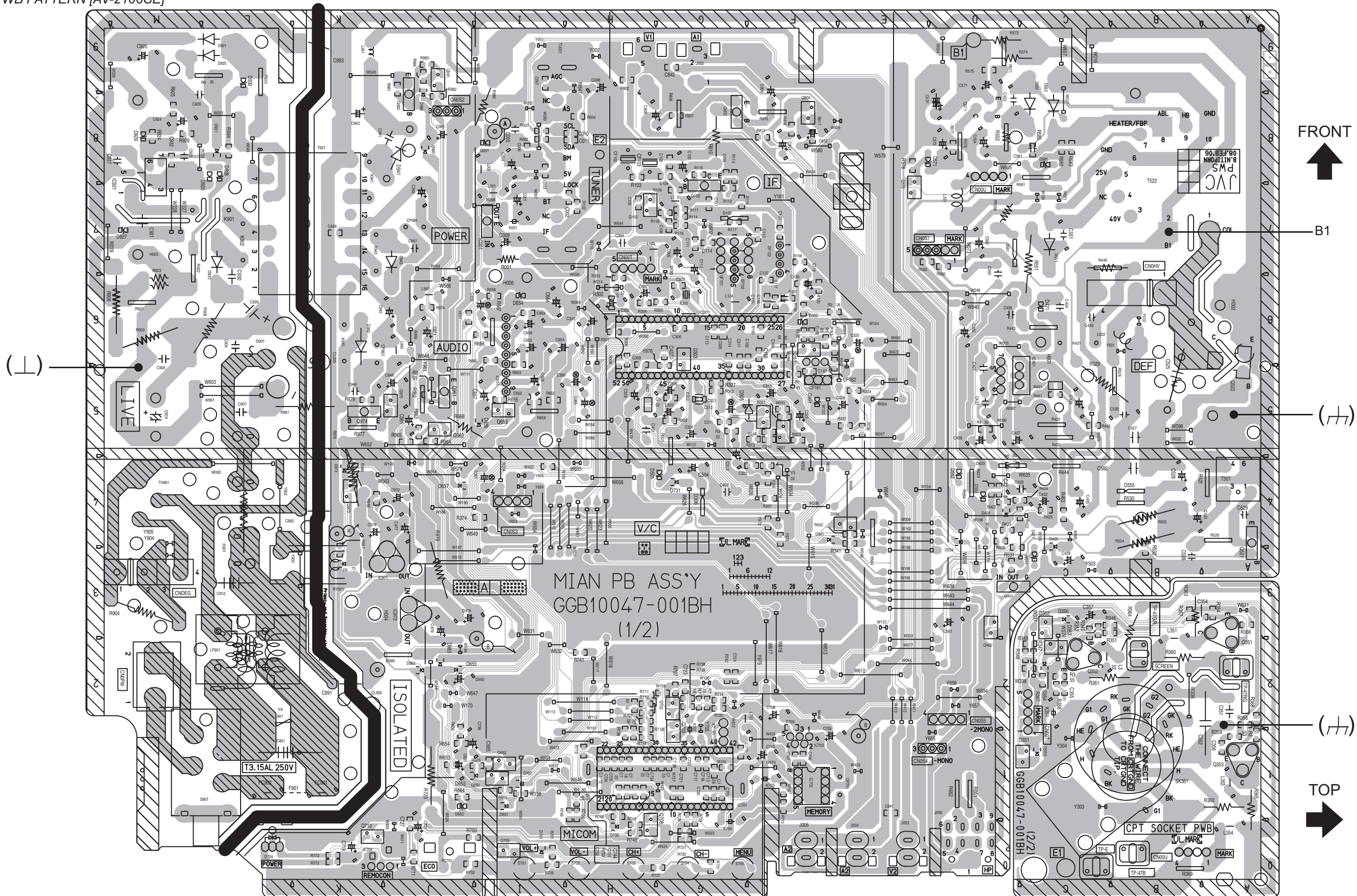
NOTE) 1.Refer to the parts list for the part number of IC702.

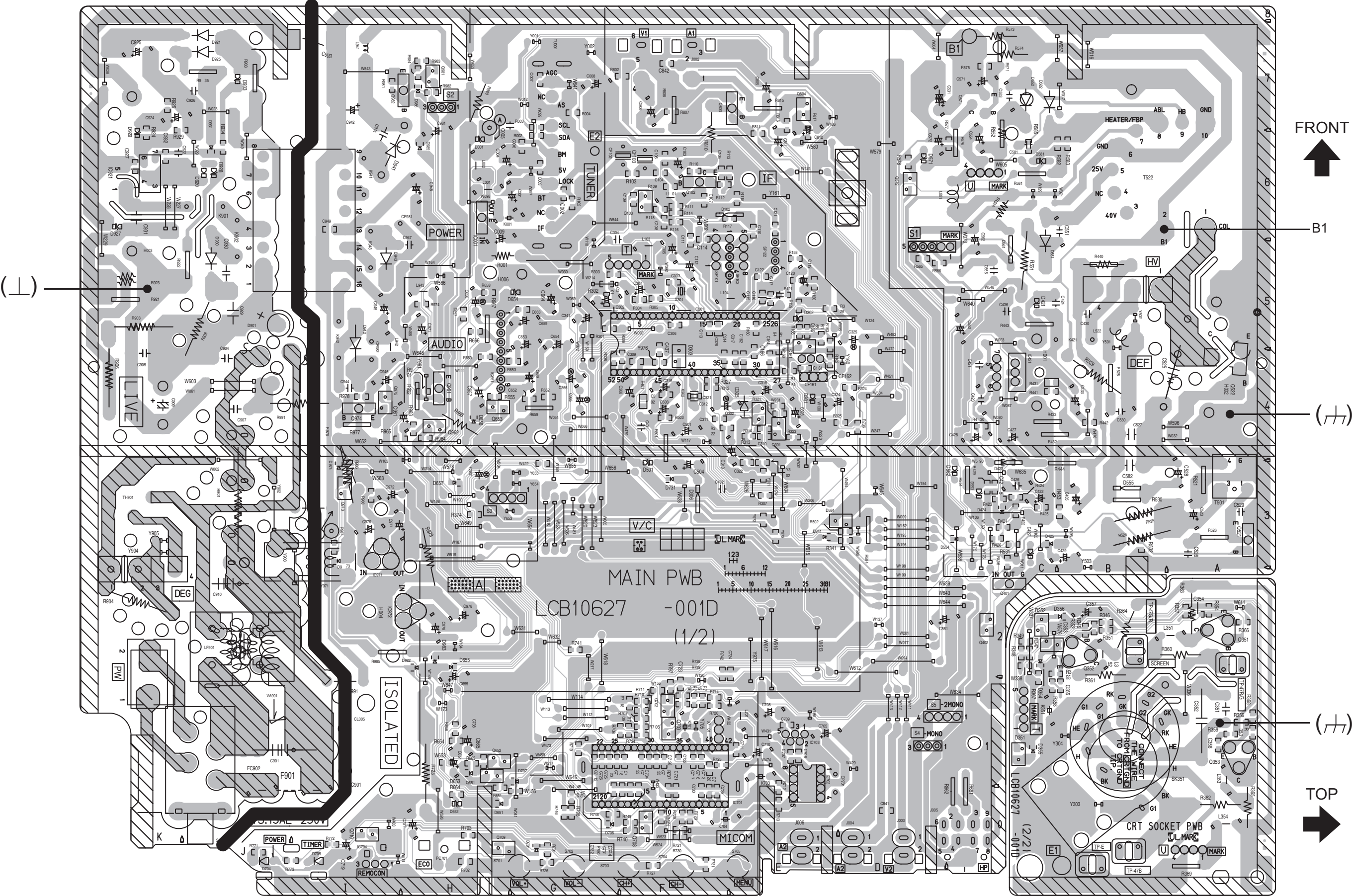






MAIN PWB PATTERN [AV-2106CE]

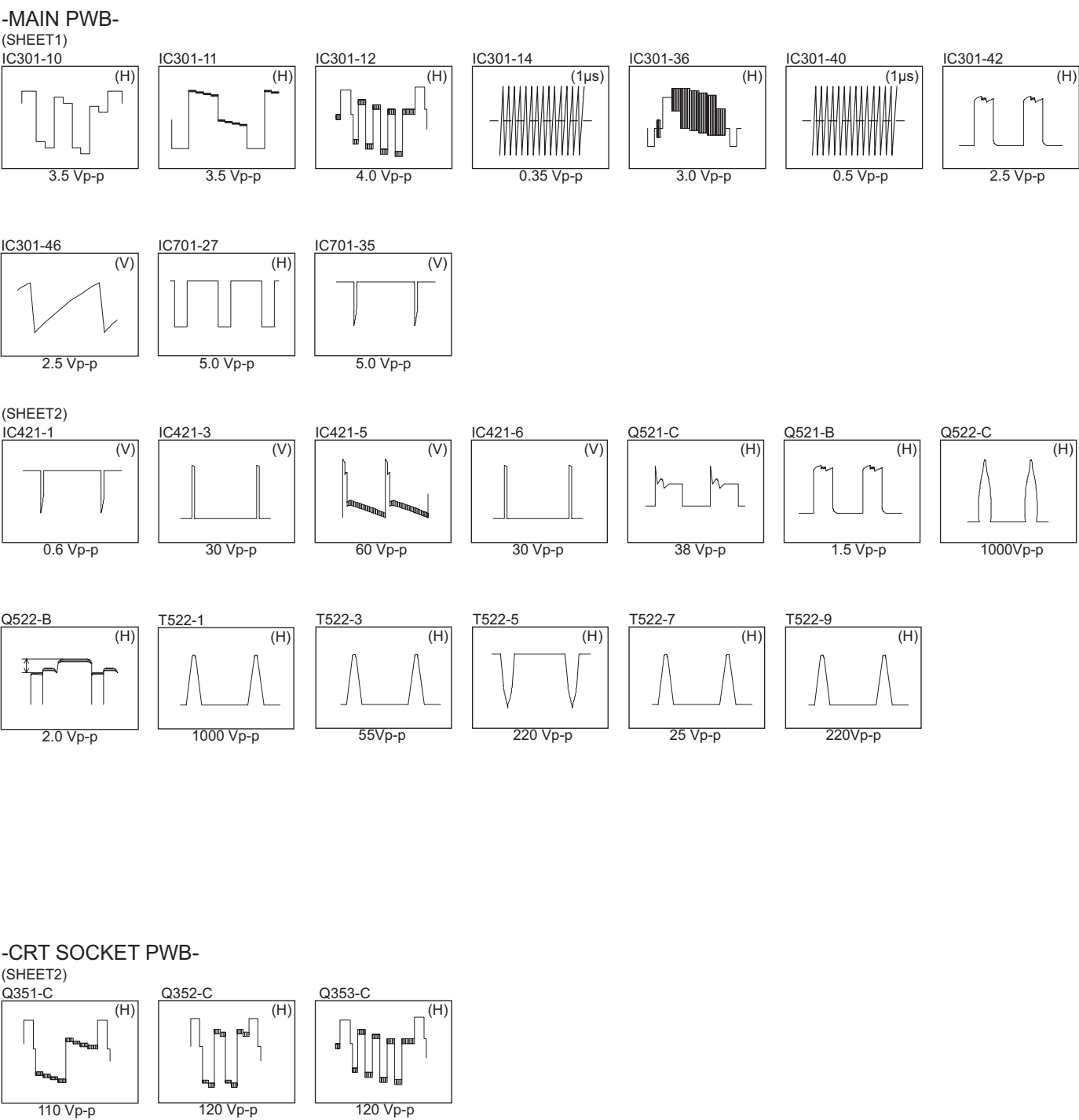




VOLTAGE CHARTS

<MAIN PWB>			<CRT SOCKET PWB>		
MODE PIN NO.	DC (V)		MODE PIN NO.	DC (V)	
IC301			Q651		
1	0		E	0	
2	4.4		C	0.3	
3	6.3		B	0	
4	3.4		Q652		
5	0		E	0	
6	5.0		C	1.0	
7	5.0		B	0.6	
8	5.5		Q653		
9	9.0		E	15.1	
10	3.0		C	0	
11	3.0		B	15.2	
12	3.0		Q702		
13	0		E	0	
14	2.8		C	4.2	
15	4.2		B	0	
16	9.0		Q703		
17	3.8		E	0	
18	2.8		C	4.8	
19	2.8		B	0.1	
20	0		Q708		
21	0		E	0	
22	0		C	2.0	
23	4.4		B	0	
24	3.2		Q710		
25	3.0		E	0	
26	3.5		C	0.1	
27	4.2		B	0	
28	3.7		Q803		
29	4.1		E	0	
30	3.9		C	8.1	
31	4.2		B	4.7	
32	4.2		Q804		
33	9.0		E	0	
34	4.0		C	0	
35	4.7		B	0.1	
36	4.0		Q974		
37	6.1		E	15.3	
38	4.2		C	15.1	
39	4.3		B	0	
40	2.7		Q975		
41	6.2		E	0	
42	1.0		C	0.1	
43	3.7		B	4.3	
44	3.9		TU001		
45	1.2		1	4.6	
46	3.1		2	NC	
47	5.4		3	0	
48	5.0		4	4.4	
49	0.7		5	0	
50	0		6	4.5	
51	4.4		7	4.9	
52	0.7		8	0	
IC421			9	31.3	
1	3.7		10	NC	
2	26.0		11	0	
3	2.0				
4	0				
5	13.8				
6	26.3				
7	3.7				
IC651					
1	12.5				
2	5.6				
3	0				
4	2.4				
5	9.4				
6	9.6				
7	0				
8	9.7				
9	19.9				
IC701					
1	4.5				
2	4.9				
3	0				
4	0				
5	0				
6	4.9				
7	4.9				
8	2.3				
9	3.0				
10	4.9				
11	0				
12	0				
13	2.4				
14	0.1				
15	1.8				
16	1.8				
17	0				
18	0.8				
19	0				
20	4.9				
21	4.9				
22	4.9				
23	4.9				
24	2.3				
25	4.9				

WAVEFORMS





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PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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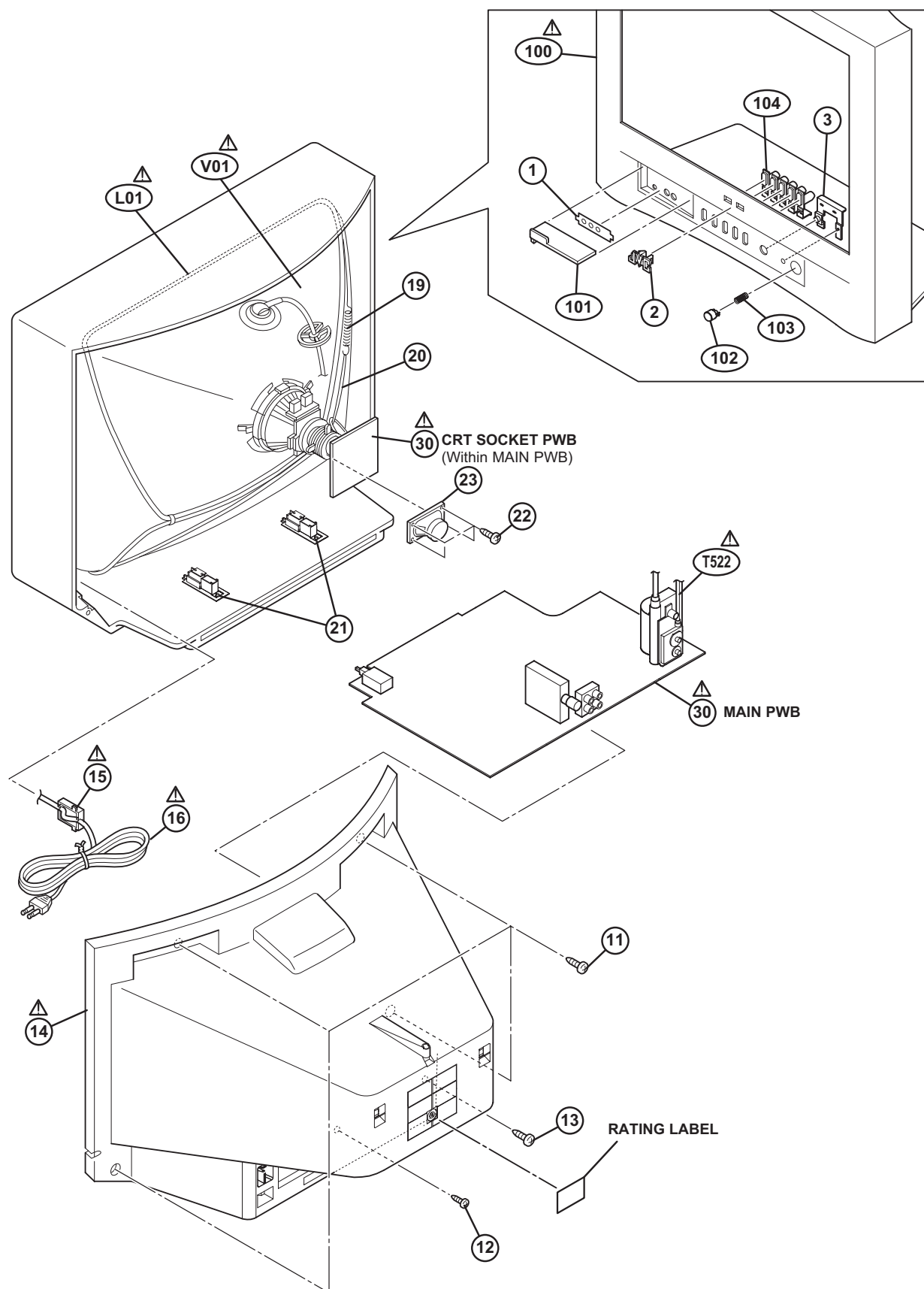
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	AV-2106CE	AV-21F16	AV-21FMG6/G	AV-21FMG6B/G
MAIN P.W.B	SCG-1517A-H2	SCG-1541A-H2	SCG-1542A-H2	SCG-1543A-H2
REMOTE CONTROL UNIT	RM-C360GY-1H	←	←	←

EXPLODED VIEW PARTS LIST -1 [AV-2106CE]

△	Ref.No.	Part No.	Part Name	Description	Local
△	V01	A51MBA11X05AN05	PICTURE TUBE(ITC)	Inc.DEF YOKE, PC MAGNET	
△	L01	QQW0125-001	DEG COIL		
△	T522	QQH0195-002	FB TRANSF		
	1	GG30079-003A-H	AV SHEET		
	2	GG40040-001A-H	JVC MARK		
	3	GG30076-001A-H	LED LENS		
	11	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x4)	
	12	QYSBSF3010ZA	TAP SCREW	M3 x 10mm	
	13	QYSBSF4012ZA	TAP SCREW	M4 x 12mm	
△	14	GG10265-007A-H	REAR COVER		
△	15	CM47005-A01-H	POWER CORD CLAMP		
△	16	QMPR340-165-K2	POWER CORD	1.65m BLACK	
	19	A48457-3-H	SPRING		
	20	WJY0008-006A-E	BRAIDED ASS'Y		
	21	CM36623-003-H	CHASSIS RAIL	(x2)	
	22	QYSBSF4012ZA	TAP SCREW	M4 x 12mm(x4)	
	23	QAS0054-001	SPEAKER	SP01	
△	30	SCG-1517A-H2	MAIN PWB		
△	100	GG10263-011A-H	FRONT CABINET ASS'Y	Inc.101,102,103,104	
	101	GG20053-001B-H	DOOR		
	102	GG30077-001B-H	POWER KNOB		
	103	CM35235-006-H	SPRING		
	104	GG20052-001A-H	CONTROL KNOB		

EXPLODED VIEW -1 [AV-2106CE]

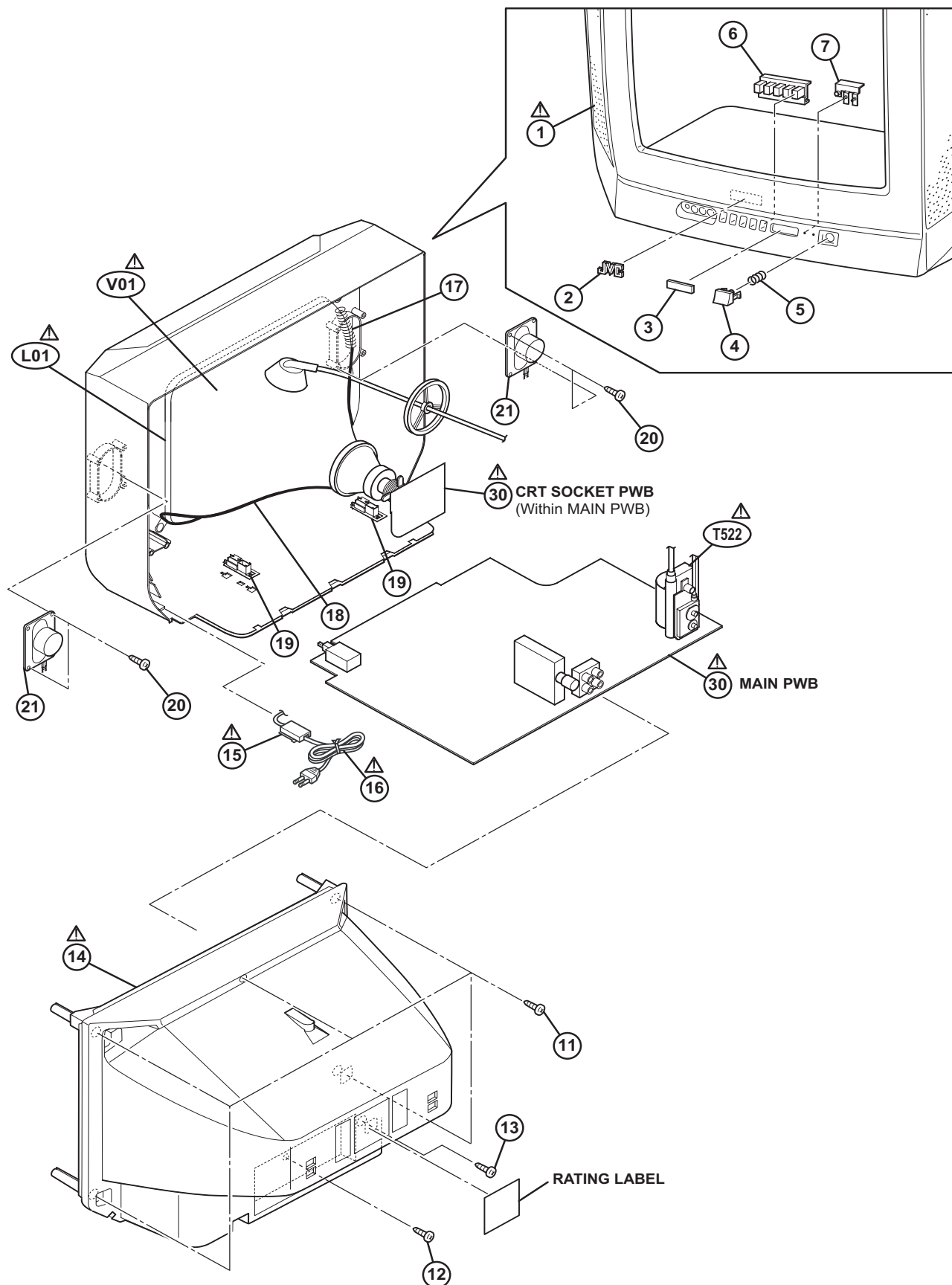


EXPLODED VIEW PARTS LIST -2

[AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

△	Ref.No.	Part No.	Part Name	Description	Local
△	V01	A51LZM10X06AN25	PICTURE TUBE(ITC)	Inc.DEF YOKE, PC MAGNET	
△	L01	QQW0006-001	DEG COIL		
△	T522	QQH0170-001	FB TRANSF		
△	1	LC10394-045A-H	FRONT CABINET		AV-21F16,AV-21FMG6G
△	1	LC10394-046A-H	FRONT CABINET		AV-21FMG6BG
	2	CM48006-007-C	JVC MARK		
	3	LC30617-001C-H	E.E.WINDOW		
	4	LC30616-004A-H	POWER KNOB		AV-21F16,AV-21FMG6G
	4	LC30616-001B-H	POWER KNOB		AV-21FMG6BG
	5	CM35235-006-H	SPRING		
	6	LC20292-004A-H	CONTROL KNOB		AV-21F16,AV-21FMG6G
	6	LC20292-001A-H	CONTROL KNOB		AV-21FMG6BG
	7	LC30618-001B-H	LED LENS		
	11	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x5)	
	12	QYSBSF3010ZA	TAP SCREW	M3 x 10mm	
	13	QYSBSBG4016ZA	TAP SCREW	M4 x 16mm	
△	14	LC10448-015B-H	REAR COVER		
△	15	CM47005-A01-H	POWER CORD CLAMP		
△	16	QMPPR340-165-K2	POWER CORD	1.65m BLACK	
	17	A48457-3-H	SPRING		
	18	WJY0008-006A-E	BRAIDED ASS'Y		
	19	CM36623-003-H	CHASSIS RAIL	(x2)	
	20	QYSBSF4012ZA	TAP SCREW	M4 x 12mm(x4)	
	21	QAS0151-001	SPEAKER	(x2)SP01, SP02	AV-21F16,AV-21FMG6BG
	21	QAS0432-001	SPEAKER	(x2)SP01, SP02	AV-21FMG6G
△	30	SCG-1541A-H2	MAIN PWB		AV-21F16
△	30	SCG-1542A-H2	MAIN PWB		AV-21FMG6G
△	30	SCG-1543A-H2	MAIN PWB		AV-21FMG6BG

EXPLODED VIEW -2 [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]



PRINTED WIRING BOARD PARTS LIST [AV-2106CE]

MAIN P.W. BOARD ASS'Y (SCG-1517A-H2)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC301	NN5198K	IC		C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M
IC421	LA78040N	IC		C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
IC651	AN5265	IC		C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
IC701	MN1873287JK1	IC(MCU)		C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M
IC702	ATE08-21YMG6	IC	(SERVICE)	C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC703	L78LR05E-MA	IC		C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC704	GP1UM281QK	IR DETECT UNIT	38kHz	C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC921	STR-W5753A/F5	IC		C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC971	L7809CP	IC		C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
IC972	L7805CP	IC		C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M
Q102	2SC5397/CD/-T	TRANSISTOR		C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K
Q301	2SA1530A/QR/-X	TRANSISTOR		C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q302	2SC3928A/QR/-X	TRANSISTOR		C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q351	2SC4212/Z1/	TRANSISTOR		C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q352	2SC4212/Z1/	TRANSISTOR		C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
Q353	2SC4212/Z1/	TRANSISTOR		C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q401	DTC124ESA-T	DIGI TRANSISTOR		C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J
Q402	2SC3928A/QR/-X	TRANSISTOR		C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q521	2SC2655/Y/-T	TRANSISTOR		C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
△Q522	2SD2627-YB11	POW TRANSISTOR		C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K
Q571	2SA1208/ST/Z1-T	TRANSISTOR		C301	NCB31HK-681X	C CAPACITOR	680pF 50V K
Q572	2SC3928A/QR/-X	TRANSISTOR		C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q651	2SC3928A/QR/-X	TRANSISTOR		C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J
Q652	2SC3928A/QR/-X	TRANSISTOR		C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
Q653	2SA1530A/QR/-X	TRANSISTOR		C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q702	2SC3928A/QR/-X	TRANSISTOR		C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q703	2SC3928A/QR/-X	TRANSISTOR		C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M
Q708	UN2212-X	DIGI TRANSISTOR		C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M
Q710	UN2212-X	DIGI TRANSISTOR		C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q803	KTC3199/YG/-T	TRANSISTOR		C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J
Q804	2SC3928A/QR/-X	TRANSISTOR		C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q974	2SA966/OY/-T	TRANSISTOR		C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V M
Q975	UN2212-X	DIGI TRANSISTOR		C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
D001	MTZJ33A-T2	Z DIODE		C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D301	MTZJ9.1B-T2	Z DIODE		C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D302	MTZJ9.1B-T2	Z DIODE		C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D303	MA3091M/-X	Z DIODE		C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
D305	1K4-T2	SB DIODE		C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J	C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J	C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J	C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D341	MA111-X	SI DIODE		C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
D421	MTZJ75-T2	Z DIODE		C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J
D423	1SR124-400A-T2	SI DIODE		C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D425	MA111-X	SI DIODE		C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z
D427	MTZJ27B-T2	Z DIODE		C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J
D501	MTZJ6.8C-T2	Z DIODE		C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J
D551	FR105GT-T3	SI DIODE		C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J
D552	FR105GT-T3	SI DIODE		C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M
D553	MTZJ9.1B-T2	Z DIODE		C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D554	MA111-X	SI DIODE		C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D571	MTZJ7.5S-T2	Z DIODE		C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D581	MTZJ20B-T2	Z DIODE		C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
D582	FR105GT-T3	SI DIODE		C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J
D651	MA111-X	SI DIODE		C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
D652	MTZJ12C-T2	Z DIODE		C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J
D653	MA111-X	SI DIODE		C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D654	MTZJ12C-T2	Z DIODE		C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D655	MA111-X	SI DIODE		C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D656	MA111-X	SI DIODE		C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J
D657	MA111-X	SI DIODE		C433	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M
D704	SPR-39MVWF	LED	POWER,ON TIMER(RED-GREEN)	C435	QETM1EM-228	E CAPACITOR	2200uF 25V M
D707	MA111-X	SI DIODE		C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J
D731	MA111-X	SI DIODE		C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D920	1SS133-T2	SI DIODE		C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D921	FR105GT-T3	SI DIODE		C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D925	FR105GT-T3	SI DIODE		C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D927	MTZJ36A-T2	Z DIODE		C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D928	MTZJ3.3A-T2	Z DIODE		C525	QFZ0200-942	MPP CAPACITOR	9400pF 1.5kV H
D930	FR107GT-T3	SI DIODE		C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J
D931	MA111-X	SI DIODE		C527	QFZ0197-304	MPP CAPACITOR	0.3uF 250V J
D933	MTZJ16C-T2	Z DIODE		C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J
D941	RU3AM-LFC4	SI DIODE		C530	QCB32HK-561Z	C CAPACITOR	560pF 500V K
D942	ERC30-Q2L38E	SI DIODE		C531	QE20203-107	E CAPACITOR	100uF 160V M
D943	FR105GT-T3	SI DIODE		C552	QETM1VM-108	E CAPACITOR	1000uF 35V M
D982	MA111-X	SI DIODE		C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M
D983	MA111-X	SI DIODE		C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J
C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M	C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M
C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M
				C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
				C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
				C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M
				C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M
				C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C727	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C909	QEZO633-127	E CAPACITOR	120uF 450V M	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C922	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C927	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C942	QEZO203-107	E CAPACITOR	100uF 160V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
C945	QEH1EM-108Z	E CAPACITOR	1000uF 25V M	R528	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	△R551	QRX029J-R47	MF RESISTOR	0.47Ω 2W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R112	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J
R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J
R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
				R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R710	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J	K942	QQR1113-001Z	FERRITE BEADS		
R711	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J	K943	QQR1113-001Z	FERRITE BEADS		
R712	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J	△LF901	QQR0527-002	LINE FILTER		
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J	S701	QSW0619-003Z	PUSH SWITCH	VOL+	
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J	S702	QSW0619-003Z	PUSH SWITCH	VOL-	
R715	NRSA63J-221X	MG RESISTOR	220Ω	1/16W J	S703	QSW0619-003Z	PUSH SWITCH	CH+	
R716	NRSA63J-221X	MG RESISTOR	220Ω	1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-	
R718	NRSA63J-561X	MG RESISTOR	560Ω	1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU	
R719	NRSA63J-102X	MG RESISTOR	1kΩ	1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER	
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J	SF102	QAX0666-002	SAW FILTER		
R721	NRSA63J-103X	MG RESISTOR	10kΩ	1/16W J	SF122	QAX0325-001	SAW FILTER		
R723	QRL039J-270	OMF RESISTOR	27Ω	3W J	△SK351	QNZ0536-002	CRT SOCKET		
R725	NRSA63J-102X	MG RESISTOR	1kΩ	1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω	
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J	TU001	QAU0246-002	TUNER		
R727	NRSA63J-153X	MG RESISTOR	15kΩ	1/16W J	△VA901	QAF0072-621	VARISTOR	620V	
R728	NRSA63J-102X	MG RESISTOR	1kΩ	1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz	
R729	NRSA63J-102X	MG RESISTOR	1kΩ	1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz	
R730	NRSA63J-103X	MG RESISTOR	10kΩ	1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz	
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J		LC30349-001A-H	LED HOLDER		
R736	NRSA63J-823X	MG RESISTOR	82kΩ	1/16W J					
R737	NRSA63J-104X	MG RESISTOR	100kΩ	1/16W J					
R738	NRSA63J-103X	MG RESISTOR	10kΩ	1/16W J					
R739	NRSA63J-103X	MG RESISTOR	10kΩ	1/16W J					
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ	1/16W J					
R741	NRSA63J-561X	MG RESISTOR	560Ω	1/16W J					
R742	NRSA63J-563X	MG RESISTOR	56kΩ	1/16W J					
R746	NRSA63J-103X	MG RESISTOR	10kΩ	1/16W J					
R748	NRSA63J-101X	MG RESISTOR	100Ω	1/16W J					
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J					
R771	NRSA63J-0R0X	MG RESISTOR	0Ω	1/16W J					
R772	NRSA63J-391X	MG RESISTOR	390Ω	1/16W J					
R773	NRSA63J-561X	MG RESISTOR	560Ω	1/16W J					
R796	NRSA63J-103X	MG RESISTOR	10kΩ	1/16W J					
R797	NRSA63J-153X	MG RESISTOR	15kΩ	1/16W J					
R802	NRSA63J-750X	MG RESISTOR	75Ω	1/16W J					
R806	QRE121J-271Y	C RESISTOR	270Ω	1/2W J					
R807	NRSA63J-680X	MG RESISTOR	68Ω	1/16W J					
R810	QRG01GJ-560	OMF RESISTOR	56Ω	1W J					
R811	NRSA63J-221X	MG RESISTOR	220Ω	1/16W J					
R815	QRE121J-181Y	C RESISTOR	180Ω	1/2W J					
R816	NRSA63J-681X	MG RESISTOR	680Ω	1/16W J					
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ	1/16W J					
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω	10W K					
R903	QRL029J-104	OMF RESISTOR	100kΩ	2W J					
R904	QRL039J-151	OMF RESISTOR	150Ω	3W J					
R906	QRL029J-104	OMF RESISTOR	100kΩ	2W J					
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω	1/2W J					
R922	QRE121J-221Y	C RESISTOR	220Ω	1/2W J					
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω	3W J					
R924	NRSA63J-154X	MG RESISTOR	150kΩ	1/16W J					
R925	NRSA63J-105X	MG RESISTOR	1MΩ	1/16W J					
R928	QRL039J-683	OMF RESISTOR	68kΩ	3W J					
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω	1/2W J					
R934	NRSA63J-683X	MG RESISTOR	68kΩ	1/16W J					
R935	QRE121J-392Y	C RESISTOR	3.9kΩ	1/2W J					
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ	1/16W J					
R976	QRL029J-120	OMF RESISTOR	12Ω	2W J					
R977	QRE121J-122Y	C RESISTOR	1.2kΩ	1/2W J					
R978	NRSA63J-473X	MG RESISTOR	47kΩ	1/16W J					
R979	QRL039J-470	OMF RESISTOR	47Ω	3W J					
R980	QRL029J-153	OMF RESISTOR	15kΩ	2W J					
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ	1/2W K					
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH	K					
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH	J					
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH	K					
L522	QQR1005-002	LINEARITY COIL							
L551	QQLZ026-300	COIL	30uH	±7%					
L701	QQL244J-5R6Z	COIL	5.6uH	J					
L941	QQL26AK-820Z	CHOKE COIL	82uH	K					
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH	J					
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH	J					
T501	QQR1244-001	DRIVE TRANSF							
△T921	QQS0213-001	SW TRANSF							
△CP981	ICP-N50-T	IC PROTECTOR	2.0A						
△CP982	ICP-N75-T	IC PROTECTOR	2.7A						
△F901	QMF51E2-3R15-S	FUSE	3.15A	AC250V					
J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN(OUT)(REAR)						
J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)						
J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)						
J005	QNS0197-001	3.5 JACK	HEADPHONE						
K351	QQR0621-002Z	FERRITE BEADS							
K421	QQR1113-001Z	FERRITE BEADS							
K901	QQR1113-001Z	FERRITE BEADS							
K902	QQR1113-001Z	FERRITE BEADS							
K941	QQR1113-001Z	FERRITE BEADS							

PRINTED WIRING BOARD PARTS LIST [AV-21F16]

MAIN P.W. BOARD ASS'Y (SCG-1541A-H2)

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
IC301	NN5198K	IC			C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
IC421	LA78040N	IC			C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
IC651	AN5265	IC			C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
IC701	MN1873287JL1	IC			C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
IC702	ATE08-21YMG6	IC	(SREVICE)		C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC703	L78LR05E-MA	IC			C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC704	GP1UM281QK	IR DETECT UNIT	38kHz		C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC921	STR-W5753A/F5	IC			C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC971	L7809CP	IC			C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
IC972	L7805CP	IC			C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
Q102	2SC5397/CD/-T	TRANSISTOR			C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
Q301	2SA1530A/QR/-X	TRANSISTOR			C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q302	2SC3928A/QR/-X	TRANSISTOR			C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q351	2SC4212/Z1/	TRANSISTOR			C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q352	2SC4212/Z1/	TRANSISTOR			C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
Q353	2SC4212/Z1/	TRANSISTOR			C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
Q401	DTC124ESA-T	DIGI TRANSISTOR			C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
Q402	2SC3928A/QR/-X	TRANSISTOR			C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q521	2SC2655/Y/-T	TRANSISTOR			C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
△Q522	2SD2627-YB11	POW TRANSISTOR			C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
Q571	2SA1208/ST/Z1-T	TRANSISTOR			C301	NCB31HK-681X	C CAPACITOR	680pF 50V K	
Q572	2SC3928A/QR/-X	TRANSISTOR			C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q651	2SC3928A/QR/-X	TRANSISTOR			C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q652	2SC3928A/QR/-X	TRANSISTOR			C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
Q653	2SA1530A/QR/-X	TRANSISTOR			C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
Q702	2SC3928A/QR/-X	TRANSISTOR			C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q703	2SC3928A/QR/-X	TRANSISTOR			C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
Q708	UN2212-X	DIGI TRANSISTOR			C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
Q803	KTC3199/YG/-T	TRANSISTOR			C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q804	2SC3928A/QR/-X	TRANSISTOR			C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
Q974	2SA966/OY/-T	TRANSISTOR			C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q975	UN2212-X	DIGI TRANSISTOR			C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V K	
D001	MTZJ33A-T2	Z DIODE			C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
D301	MTZJ9.1B-T2	Z DIODE			C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D302	MTZJ9.1B-T2	Z DIODE			C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
D303	MA3091/M/-X	Z DIODE			C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D305	1K4-T2	SB DIODE			C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J		C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J		C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K	
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J		C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
D341	MA111-X	SI DIODE			C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D421	MTZJ75-T2	Z DIODE			C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
D423	1SR124-400A-T2	SI DIODE			C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J	
D425	MA111-X	SI DIODE			C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D427	MTZJ27B-T2	Z DIODE			C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z	
D501	MTZJ6.8C-T2	Z DIODE			C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J	
D551	FR105GT-T3	SI DIODE			C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
D552	FR105GT-T3	SI DIODE			C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
D553	MTZJ9.1B-T2	Z DIODE			C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
D554	MA111-X	SI DIODE			C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
D571	MTZJ7.5S-T2	Z DIODE			C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
D581	MTZJ20B-T2	Z DIODE			C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
D582	FR105GT-T3	SI DIODE			C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
D651	MA111-X	SI DIODE			C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J	
D652	MTZJ12C-T2	Z DIODE			C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	
D653	MA111-X	SI DIODE			C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J	
D654	MTZJ12C-T2	Z DIODE			C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
D655	MA111-X	SI DIODE			C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
D656	MA111-X	SI DIODE			C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D657	MA111-X	SI DIODE			C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J	
D704	LH22440-T16	LED	POWER(RED)		C433	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M	
D705	LE22440-T16	LED	ON TIMER(ORG)		C435	QETM1EM-228	E CAPACITOR	2200uF 25V M	
D707	MA111-X	SI DIODE			C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
D731	MA111-X	SI DIODE			C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
D920	1SS133-T2	SI DIODE			C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
D921	FR105GT-T3	SI DIODE			C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D925	FR105GT-T3	SI DIODE			C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D927	MTZJ36A-T2	Z DIODE			C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
D928	MTZJ3.3A-T2	Z DIODE			C525	QFZ0200-103	MPP CAPACITOR	0.01uF 1.5kV H	
D930	FR107GT-T3	SI DIODE			C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J	
D931	MA111-X	SI DIODE			C527	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J	
D933	MTZJ16C-T2	Z DIODE			C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	
D941	RU3AM-LFC4	SI DIODE			C531	QEZ0203-107	E CAPACITOR	100uF 160V M	
D942	ERC30-02L38E	SI DIODE			C552	QETM1VM-108	E CAPACITOR	1000uF 35V M	
D943	FR105GT-T3	SI DIODE			C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M	
D982	MA111-X	SI DIODE			C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J	
D983	MA111-X	SI DIODE			C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
					C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
					C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
					C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
					C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
					C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C909	QE20633-127	E CAPACITOR	120uF 450V M	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C922	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C927	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C942	QE20203-107	E CAPACITOR	100uF 160V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
C945	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	△R551	QRX029J-R47	MF RESISTOR	0.47Ω 2W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R112	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J
R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R710	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R711	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R712	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU
R715	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER
R716	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	SF102	QAX0666-002	SAW FILTER	
R718	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	SF122	QAX0325-001	SAW FILTER	
R719	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△SK351	QNZ0536-002	CRT SOCKET	
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	TU001	QAU0447-001	TUNER	
R723	QRL039J-270	OMF RESISTOR	27Ω 3W J	△VA901	QAF0072-621	VARIATOR	620V
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz
R727	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		LC30114-001C-H	LED HOLDER	
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R736	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R737	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R738	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R739	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R741	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R742	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J				
R746	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R748	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R771	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R772	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R796	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R797	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R802	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J				
R806	QRE121J-271Y	C RESISTOR	270Ω 1/2W J				
R807	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J				
R810	QRG01GJ-560	OMF RESISTOR	56Ω 1W J				
R811	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R815	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R816	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J				
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω 10W K				
R903	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R906	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω 1/2W J				
R922	QRE121J-221Y	C RESISTOR	220Ω 1/2W J				
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω 3W J				
R924	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J				
R925	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J				
R928	QRL039J-683	OMF RESISTOR	68kΩ 3W J				
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J				
R934	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J				
R935	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J				
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R976	QRL029J-120	OMF RESISTOR	12Ω 2W J				
R977	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J				
R978	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R979	QRL039J-470	OMF RESISTOR	47Ω 3W J				
R980	QRL029J-153	OMF RESISTOR	15kΩ 2W J				
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K				
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH J				
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L551	QQLZ026-300	COIL	30uH ±7%				
L701	QQL244J-5R6Z	COIL	5.6uH J				
L941	QQL26AK-820Z	CHOKE COIL	82uH K				
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
T501	QQR1244-001	DRIVE TRANSF					
△T921	QQS0213-001	SW TRANSF					
△CP981	ICP-N50-T	IC PROTECTOR	2.0A				
△CP982	ICP-N75-T	IC PROTECTOR	2.7A				
△F901	QMF51E2-3R15-S	FUSE	3.15A AC250V				
J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN(OUT)(REAR)				
J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)				
J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)				
J005	QNS0197-001	3.5 JACK	HEADPHONE				
K351	QQR0621-002Z	FERRITE BEADS					
K421	QQR1113-001Z	FERRITE BEADS					
K901	QQR1113-001Z	FERRITE BEADS					
K902	QQR1113-001Z	FERRITE BEADS					
K941	QQR1113-001Z	FERRITE BEADS					
K942	QQR1113-001Z	FERRITE BEADS					
K943	QQR1113-001Z	FERRITE BEADS					
△LF901	QQR0673-002	LINE FILTER					
S701	QSW0619-003Z	PUSH SWITCH	VOL+				
S702	QSW0619-003Z	PUSH SWITCH	VOL-				
S703	QSW0619-003Z	PUSH SWITCH	CH+				

PRINTED WIRING BOARD PARTS LIST [AV-21FMG6/G]

MAIN P.W. BOARD ASS'Y (SCG-1542A-H2)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC301	NN5198K	IC		C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M
IC421	LA78040N	IC		C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
IC651	AN5265	IC		C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M
IC701	MN1873287JJ1	IC		C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
IC702	ATE08-21YMG6	IC	(SREVICE)	C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
IC703	L78LR05E-MA	IC		C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M
IC704	GP1UM281QK	IR DETECT UNIT	38kHz	C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC921	STR-W5753A/F5	IC		C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC971	L7809CP	IC		C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC972	L7805CP	IC		C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K
				C109	NCB31HK-472X	C CAPACITOR	4700pF 50V K
Q102	2SC5397/CD/-T	TRANSISTOR		C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Q103	UN2212-X	DIGI TRANSISTOR		C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M
Q161	2SD601A/QR/-X	TRANSISTOR		C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K
Q301	2SA1530A/QR/-X	TRANSISTOR		C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q302	2SC3928A/QR/-X	TRANSISTOR		C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q351	2SC4212/Z1/	TRANSISTOR		C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q352	2SC4212/Z1/	TRANSISTOR		C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
Q353	2SC4212/Z1/	TRANSISTOR		C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q401	DTC124ESA-T	DIGI TRANSISTOR		C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J
Q402	2SC3928A/QR/-X	TRANSISTOR		C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q521	2SC2655/Y/-T	TRANSISTOR		C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
△Q522	2SD2627-YB11	POW TRANSISTOR		C161	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q571	2SA1208/ST/Z1-T	TRANSISTOR		C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K
Q572	2SC3928A/QR/-X	TRANSISTOR		C164	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q651	2SC3928A/QR/-X	TRANSISTOR		C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q652	2SC3928A/QR/-X	TRANSISTOR		C166	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
Q653	2SA1530A/QR/-X	TRANSISTOR		C301	NCB31HK-681X	C CAPACITOR	680pF 50V K
Q702	2SC3928A/QR/-X	TRANSISTOR		C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q703	2SC3928A/QR/-X	TRANSISTOR		C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J
Q708	UN2212-X	DIGI TRANSISTOR		C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
Q803	KTC3199/YG/-T	TRANSISTOR		C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q804	2SC3928A/QR/-X	TRANSISTOR		C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q974	2SA966/OY/-T	TRANSISTOR		C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M
Q975	UN2212-X	DIGI TRANSISTOR		C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M
				C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D001	MTZJ33A-T2	Z DIODE		C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J
D102	MA859-T2	SI DIODE		C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D301	MTZJ9.1B-T2	Z DIODE		C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V M
D302	MTZJ9.1B-T2	Z DIODE		C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
D303	MA3091/M/-X	Z DIODE		C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D305	1K4-T2	SB DIODE		C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J	C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J	C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J	C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J
D341	MA111-X	SI DIODE		C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K
D421	MTZJ75-T2	Z DIODE		C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
D423	1SR124-400A-T2	SI DIODE		C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D425	MA111-X	SI DIODE		C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
D427	MTZJ27B-T2	Z DIODE		C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J
D501	MTZJ6.8C-T2	Z DIODE		C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D551	FR105GT-T3	SI DIODE		C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z
D552	FR105GT-T3	SI DIODE		C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J
D553	MTZJ9.1B-T2	Z DIODE		C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J
D554	MA111-X	SI DIODE		C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J
D571	MTZJ7.5S-T2	Z DIODE		C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M
D581	MTZJ20B-T2	Z DIODE		C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D582	FR105GT-T3	SI DIODE		C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D651	MA111-X	SI DIODE		C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D652	MTZJ12C-T2	Z DIODE		C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
D653	MA111-X	SI DIODE		C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J
D654	MTZJ12C-T2	Z DIODE		C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
D655	MA111-X	SI DIODE		C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J
D656	MA111-X	SI DIODE		C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D657	MA111-X	SI DIODE		C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D704	LH22440-T16	LED	POWER(RED)	C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D705	LE22440-T16	LED	ON TIMER(ORG)	C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J
D707	MA111-X	SI DIODE		C433	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M
D731	MA111-X	SI DIODE		C435	QETM1EM-228	E CAPACITOR	2200uF 25V M
D920	1SS133-T2	SI DIODE		C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J
D921	FR105GT-T3	SI DIODE		C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D925	FR105GT-T3	SI DIODE		C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D927	MTZJ36A-T2	Z DIODE		C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D928	MTZJ3.3A-T2	Z DIODE		C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D930	FR107GT-T3	SI DIODE		C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D931	MA111-X	SI DIODE		C525	QFZ0200-103	MPP CAPACITOR	0.01uF 1.5kV H
D933	MTZJ16C-T2	Z DIODE		C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J
D941	RU3AM-LFC4	SI DIODE		C527	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J
D942	ERC30-02L38E	SI DIODE		C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J
D943	FR105GT-T3	SI DIODE		C531	QEZ0203-107	E CAPACITOR	100uF 160V M
D982	MA111-X	SI DIODE		C552	QETM1VM-108	E CAPACITOR	1000uF 35V M
D983	MA111-X	SI DIODE		C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M
				C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M	R162	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R163	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R164	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	R165	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R166	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C909	QEZ0476-127	E CAPACITOR	120uF	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C924	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C927	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
C942	QEZ0203-107	E CAPACITOR	100uF 160V M	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C945	QHR1EM-108Z	E CAPACITOR	1000uF 25V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△R551	QXR029J-R47	MF RESISTOR	0.47Ω 2W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R115	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R118	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R161	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
				R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	CF161	QAX0642-001Z	C FILTER	4.500MHz
R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	△CP981	ICP-N50-T	IC PROTECTOR	2.0A
R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J	△CP982	ICP-N75-T	IC PROTECTOR	2.7A
R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	△F901	QMF51E2-3R15-S	FUSE	3.15A AC250V
R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN/OUT(REAR)
R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)
R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)
R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	J005	QNS0197-001	3.5 JACK	HEADPHONE
R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	K351	QQR0621-002Z	FERRITE BEADS	
R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	K421	QQR1113-001Z	FERRITE BEADS	
R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J	K901	QQR1113-001Z	FERRITE BEADS	
R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K902	QQR1113-001Z	FERRITE BEADS	
R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K941	QQR1113-001Z	FERRITE BEADS	
R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	K942	QQR1113-001Z	FERRITE BEADS	
R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K943	QQR1113-001Z	FERRITE BEADS	
R710	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△LF901	QQR0673-002	LINE FILTER	
R711	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S701	QSW0619-003Z	PUSH SWITCH	VOL+
R712	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S702	QSW0619-003Z	PUSH SWITCH	VOL-
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S703	QSW0619-003Z	PUSH SWITCH	CH+
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-
R715	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU
R716	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER
R718	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	SF102	QAX0731-001	SAW FILTER	
R719	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	SF122	QAX0325-001	SAW FILTER	
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△SK351	QNZ0536-002	CRT SOCKET	
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω
R723	QRL039J-270	OMF RESISTOR	27Ω 3W J	TU001	QAU0447-001	TUNER	
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△VA901	QAF0072-621	VARIATOR	620V
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz
R727	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		LC30114-001C-H	LED HOLDER	
R730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R736	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R737	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R738	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R739	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R741	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R742	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J				
R746	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R748	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R771	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R772	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R796	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R797	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R802	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J				
R806	QRE121J-271Y	C RESISTOR	270Ω 1/2W J				
R807	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J				
R810	QRG01GJ-560	OMF RESISTOR	56Ω 1W J				
R811	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R815	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R816	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J				
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω 10W K				
R903	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R906	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω 1/2W J				
R922	QRE121J-221Y	C RESISTOR	220Ω 1/2W J				
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω 3W J				
R924	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J				
R925	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J				
R928	QRL039J-683	OMF RESISTOR	68kΩ 3W J				
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J				
R934	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J				
R935	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J				
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R976	QRL029J-120	OMF RESISTOR	12Ω 2W J				
R977	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J				
R978	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R979	QRL039J-470	OMF RESISTOR	47Ω 3W J				
R980	QRL029J-153	OMF RESISTOR	15kΩ 2W J				
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K				
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH J				
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L551	QQLZ026-300	COIL	30uH ±7%				
L701	QQL244J-5R6Z	COIL	5.6uH J				
L941	QQL26AK-820Z	CHOKE COIL	82uH K				
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
T501	QQR1244-001	DRIVE TRANSF					
△T921	QQS0213-001	SW TRANSF					

PRINTED WIRING BOARD PARTS LIST [AV-21FMG6B/G]

MAIN P.W. BOARD ASS'Y (SCG-1543A-H2)

△Ref No.	Part No.	Part Name	Description Local
IC301	NN5198K	IC	
IC421	LA78040N	IC	
IC651	AN5265	IC	
IC701	MN1873287JJ1	IC	
IC702	ATE08-21YMG6	IC	(SREVICE)
IC703	L78LR05E-MA	IC	
IC704	GP1UM281QK	IR DETECT UNIT	38kHz
IC921	STR-W5753A/F5	IC	
IC971	L7809CP	IC	
IC972	L7805CP	IC	
Q102	2SC5397/CD/-T	TRANSISTOR	
Q103	UN2212-X	DIGI TRANSISTOR	
Q161	2SD601A/QR/-X	TRANSISTOR	
Q301	2SA1530A/QR/-X	TRANSISTOR	
Q302	2SC3928A/QR/-X	TRANSISTOR	
Q351	2SC4212/Z1/	TRANSISTOR	
Q352	2SC4212/Z1/	TRANSISTOR	
Q353	2SC4212/Z1/	TRANSISTOR	
Q401	DTC124ESA-T	DIGI TRANSISTOR	
Q402	2SC3928A/QR/-X	TRANSISTOR	
Q521	2SC2655/Y/-T	TRANSISTOR	
△Q522	2SD2627-YB11	POW TRANSISTOR	
Q571	2SA1208/ST/Z1-T	TRANSISTOR	
Q572	2SC3928A/QR/-X	TRANSISTOR	
Q651	2SC3928A/QR/-X	TRANSISTOR	
Q652	2SC3928A/QR/-X	TRANSISTOR	
Q653	2SA1530A/QR/-X	TRANSISTOR	
Q702	2SC3928A/QR/-X	TRANSISTOR	
Q703	2SC3928A/QR/-X	TRANSISTOR	
Q708	UN2212-X	DIGI TRANSISTOR	
Q803	KTC3199/YG/-T	TRANSISTOR	
Q804	2SC3928A/QR/-X	TRANSISTOR	
Q974	2SA966/OY/-T	TRANSISTOR	
Q975	UN2212-X	DIGI TRANSISTOR	
D001	MTZJ33A-T2	Z DIODE	
D102	MA859-T2	SI DIODE	
D301	MTZJ9.1B-T2	Z DIODE	
D302	MTZJ9.1B-T2	Z DIODE	
D303	MA3091/M/-X	Z DIODE	
D305	1K4-T2	SB DIODE	
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J
D341	MA111-X	SI DIODE	
D421	MTZJ75-T2	Z DIODE	
D423	1SR124-400A-T2	SI DIODE	
D425	MA111-X	SI DIODE	
D427	MTZJ27B-T2	Z DIODE	
D501	MTZJ6.8C-T2	Z DIODE	
D551	FR105GT-T3	SI DIODE	
D552	FR105GT-T3	SI DIODE	
D553	MTZJ9.1B-T2	Z DIODE	
D554	MA111-X	SI DIODE	
D571	MTZJ7.5S-T2	Z DIODE	
D581	MTZJ20B-T2	Z DIODE	
D582	FR105GT-T3	SI DIODE	
D651	MA111-X	SI DIODE	
D652	MTZJ12C-T2	Z DIODE	
D653	MA111-X	SI DIODE	
D654	MTZJ12C-T2	Z DIODE	
D655	MA111-X	SI DIODE	
D656	MA111-X	SI DIODE	
D657	MA111-X	SI DIODE	
D704	LH22440-T16	LED	POWER(RED)
D705	LE22440-T16	LED	ON TIMER(ORG)
D707	MA111-X	SI DIODE	
D731	MA111-X	SI DIODE	
D920	1SS133-T2	SI DIODE	
D921	FR105GT-T3	SI DIODE	
D925	FR105GT-T3	SI DIODE	
D927	MTZJ36A-T2	Z DIODE	
D928	MTZJ3.3A-T2	Z DIODE	
D930	FR107GT-T3	SI DIODE	
D931	MA111-X	SI DIODE	
D933	MTZJ16C-T2	Z DIODE	
D941	RU3AM-LFC4	SI DIODE	
D942	ERC30-02L38E	SI DIODE	
D943	FR105GT-T3	SI DIODE	
D982	MA111-X	SI DIODE	
D983	MA111-X	SI DIODE	

△Ref No.	Part No.	Part Name	Description Local
C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C109	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J
C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C161	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C164	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C166	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C301	NCB31HK-681X	C CAPACITOR	680pF 50V K
C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V M
C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J
C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K
C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J
C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z
C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J
C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J
C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J
C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J
C433	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M
C435	QETM1EM-228	E CAPACITOR	2200uF 25V M
C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J
C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C525	QFZ0200-103	MPP CAPACITOR	0.01uF 1.5kV H
C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J
C527	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J
C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J
C531	QEZ0203-107	E CAPACITOR	100uF 160V M
C552	QETM1VM-108	E CAPACITOR	1000uF 35V M
C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M
C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J

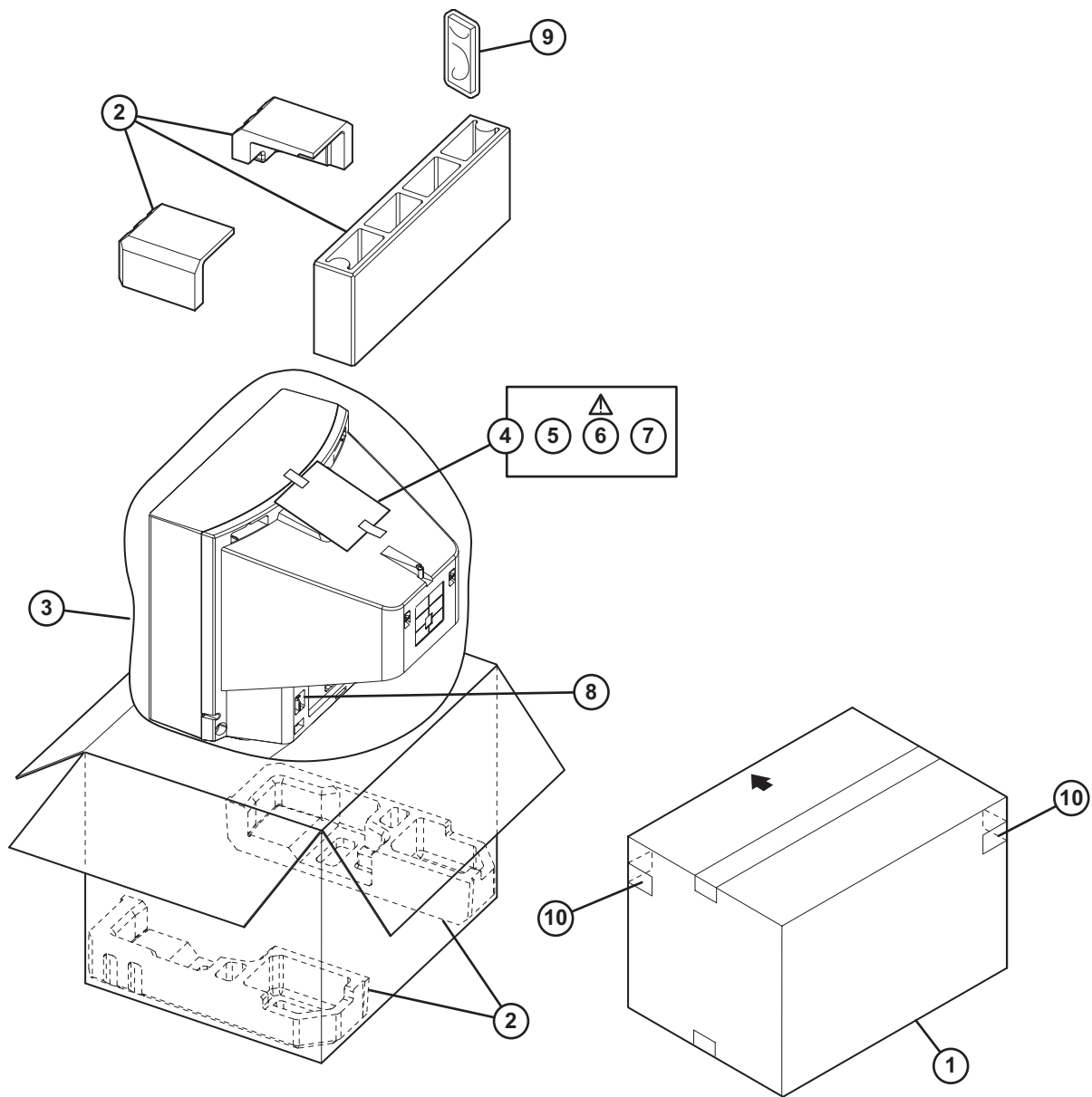
△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M	R162	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R163	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R164	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	R165	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R166	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C909	QEZO476-127	E CAPACITOR	120uF	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C922	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C927	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
C942	QEZO203-107	E CAPACITOR	100uF 160V M	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C945	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△R551	QRX029J-R47	MF RESISTOR	0.47Ω 2W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R115	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R118	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R161	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
				R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	CF161	QAX0642-001Z	C FILTER	4.500MHz
R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	△CP981	ICP-N50-T	IC PROTECTOR	2.0A
R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J	△CP982	ICP-N75-T	IC PROTECTOR	2.7A
R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	△F901	QMF51E2-3R15-S	FUSE	3.15A AC250V
R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN(OUT)(REAR)
R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)
R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)
R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	J005	QNS0197-001	3.5 JACK	HEADPHONE
R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	K351	QQR0621-002Z	FERRITE BEADS	
R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	K421	QQR1113-001Z	FERRITE BEADS	
R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J	K901	QQR1113-001Z	FERRITE BEADS	
R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K902	QQR1113-001Z	FERRITE BEADS	
R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K941	QQR1113-001Z	FERRITE BEADS	
R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	K942	QQR1113-001Z	FERRITE BEADS	
R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K943	QQR1113-001Z	FERRITE BEADS	
R710	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△LF901	QQR0673-002	LINE FILTER	
R711	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S701	QSW0619-003Z	PUSH SWITCH	VOL+
R712	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S702	QSW0619-003Z	PUSH SWITCH	VOL-
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S703	QSW0619-003Z	PUSH SWITCH	CH+
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-
R715	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU
R716	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER
R718	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	SF102	QAX0731-001	SAW FILTER	
R719	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	SF122	QAX0325-001	SAW FILTER	
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△SK351	QNZ0536-002	CRT SOCKET	
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω
R723	QRL039J-270	OMF RESISTOR	27Ω 3W J	TU001	QAU0447-001	TUNER	
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△VA901	QAF0072-621	VARIATOR	620V
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz
R727	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		LC30114-001C-H	LED HOLDER	
R730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R736	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R737	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R738	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R739	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R741	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R742	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J				
R746	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R748	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R771	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R772	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R796	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R797	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R802	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J				
R806	QRE121J-271Y	C RESISTOR	270Ω 1/2W J				
R807	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J				
R810	QRG01GJ-560	OMF RESISTOR	56Ω 1W J				
R811	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R815	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R816	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J				
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω 10W K				
R903	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R906	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω 1/2W J				
R922	QRE121J-221Y	C RESISTOR	220Ω 1/2W J				
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω 3W J				
R924	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J				
R925	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J				
R928	QRL039J-683	OMF RESISTOR	68kΩ 3W J				
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J				
R934	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J				
R935	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J				
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R976	QRL029J-120	OMF RESISTOR	12Ω 2W J				
R977	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J				
R978	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R979	QRL039J-470	OMF RESISTOR	47Ω 3W J				
R980	QRL029J-153	OMF RESISTOR	15kΩ 2W J				
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K				
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH J				
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L551	QQLZ026-300	COIL	30uH ±7%				
L701	QQL244J-5R6Z	COIL	5.6uH J				
L941	QQL26AK-820Z	CHOKE COIL	82uH K				
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
T501	QQR1244-001	DRIVE TRANSF					
△T921	QQS0213-001	SW TRANSF					

REMOTE CONTROL UNIT PARTS LIST (RM-C360GY-1H)

△	Ref No.	Part No.	Part Name	Description	Local
		R25-8567	BATTERY COVER		

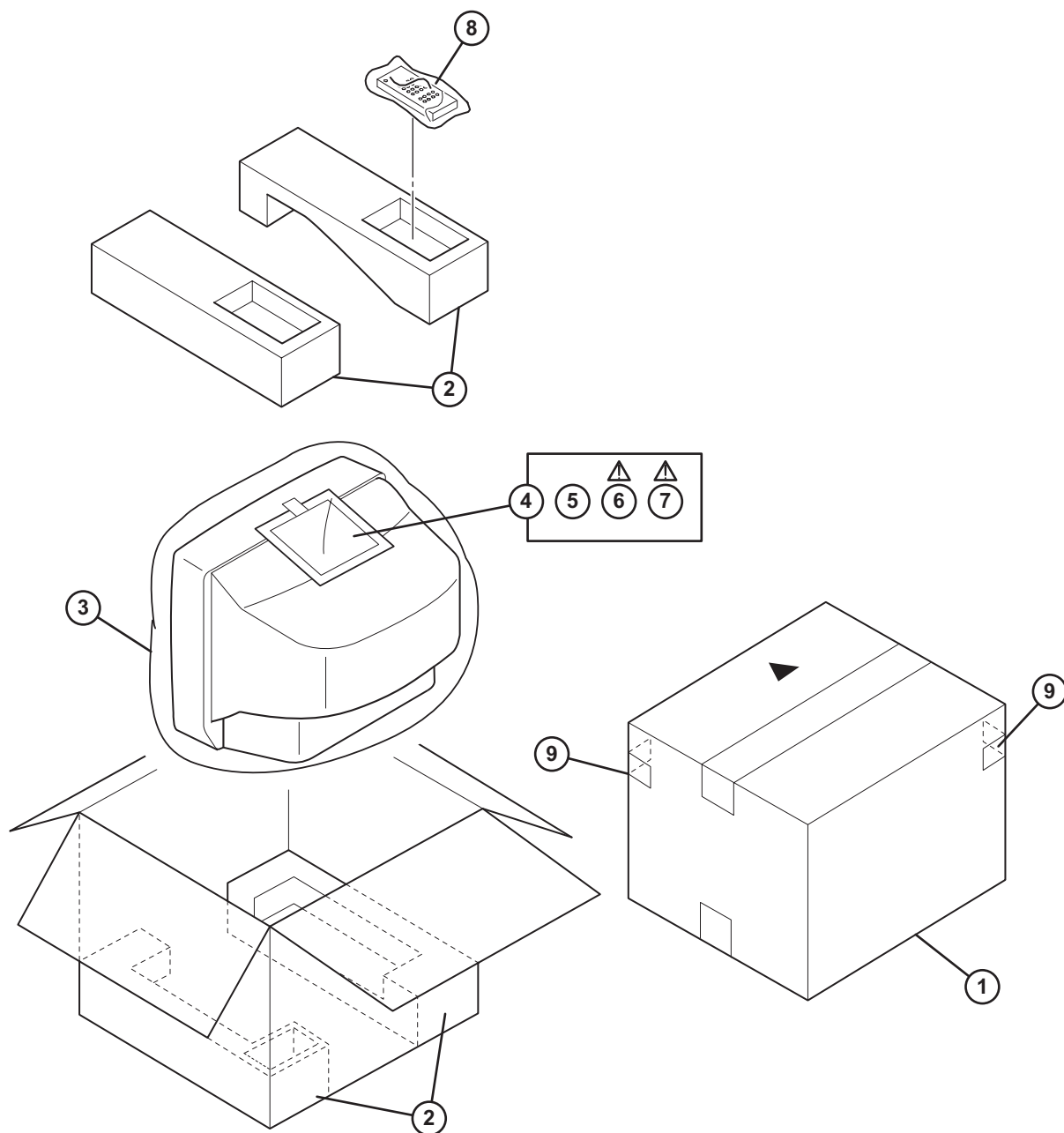
PACKING [AV-2106CE]



PACKING PARTS LIST [AV-2106CE]

△	Ref.No.	Part No.	Part Name	Description	Local
	1	GG10285-013B-H	PACKING CASE		
	2	GG10266-001B-H	CUSHION ASS'Y	5pcs in 1set	
	3	GG30097-003A-H	POLY BAG		
	4	GG30096-001A-H	POLY BAG		
	5	-----	BATTERY	AA/R6 1.5V(x2)	
△	6	GGT0113-001B-H	INST BOOK	Russian, Ukrainian	
	7	-----	WARRANTY CARD	BT-54023-1H	
	8	GG40042-001A-H	CORD CLAMP R/C		
	9	RM-C360GY-1H	REMOCON UNIT		
	10	GG30147-001B-H	CORNER LABEL	2pcs in 1set	

PACKING [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]



PACKING PARTS LIST [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

△ Ref.No.	Part No.	Part Name	Description	Local
1	GG10281-013A-H	PACKING CASE		AV-21F16
1	GG10284-028A-H	PACKING CASE		AV-21FMG6G,AV-21FMG6BG
2	LC10516-007A-H	CUSHION ASSY	4pcs in 1set	
3	GG30097-003A-H	POLY BAG		
4	GG30096-001A-H	POLY BAG		
5	-----	BATTERY	AA/R6 1.5V(x2)	
△ 6	GGT0106-001B-H	INST BOOK	English	AV-21F16
△ 6	GGT0109-001A-H	INST BOOK	English	AV-21FMG6G,AV-21FMG6BG
△ 7	GGT0107-001B-H	DIGEST MANUAL	Chinese,Russian	AV-21F16
△ 7	GGT0110-001A-H	DIGEST MANUAL	Arabic,French,Persian,Russian	AV-21FMG6G,AV-21FMG6BG
8	RM-C360GY-1H	REMOCON UNIT		
9	GG30147-001B-H	CORNER LABEL	2pcs in 1set	

JVC

SCHEMATIC DIAGRAMS

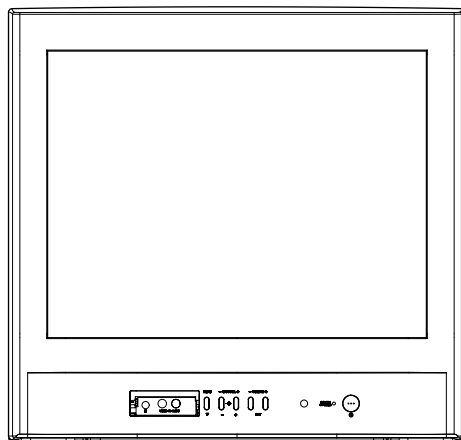
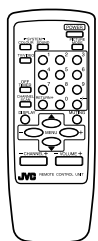
COLOUR TELEVISION

AV-2106CE, AV-21F16, AV-21FMG6/G, AV-21FMG6B/G

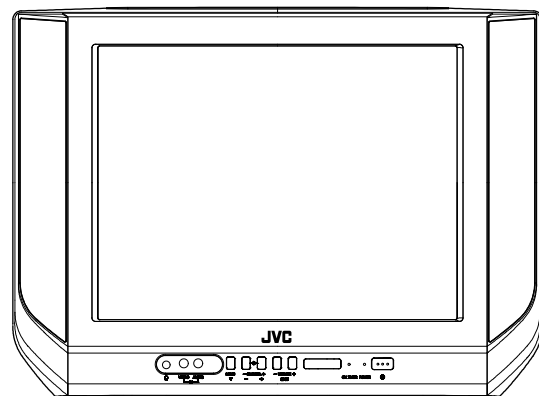
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BASIC CHASSIS

CG4



[AV-2106CE]



[AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

AV-2106CE, AV-21F16, AV-21FMG6/G, AV-21FMG6B/G

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the \triangle symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

●Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply




-  : B1
-  : B2 (12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated





(5)Test point

-  : Test point
-  : Only test point display



(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

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MAIN PWB PATTERN [AV-2106CE]

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MAIN PWB PATTERN [AV-21FMG6B/G, AV-21FMG6/G, AV-21F16]

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USING P.W. BOARD

PWB ASS'Y name	AV-2106CE	AV-21F16	AV-21FMG6/G	AV-21FMG6B/G
MAIN P.W. BOARD	SCG-1517A-H2	SCG-1541A-H2	SCG-1542A-H2	SCG-1543A-H2

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

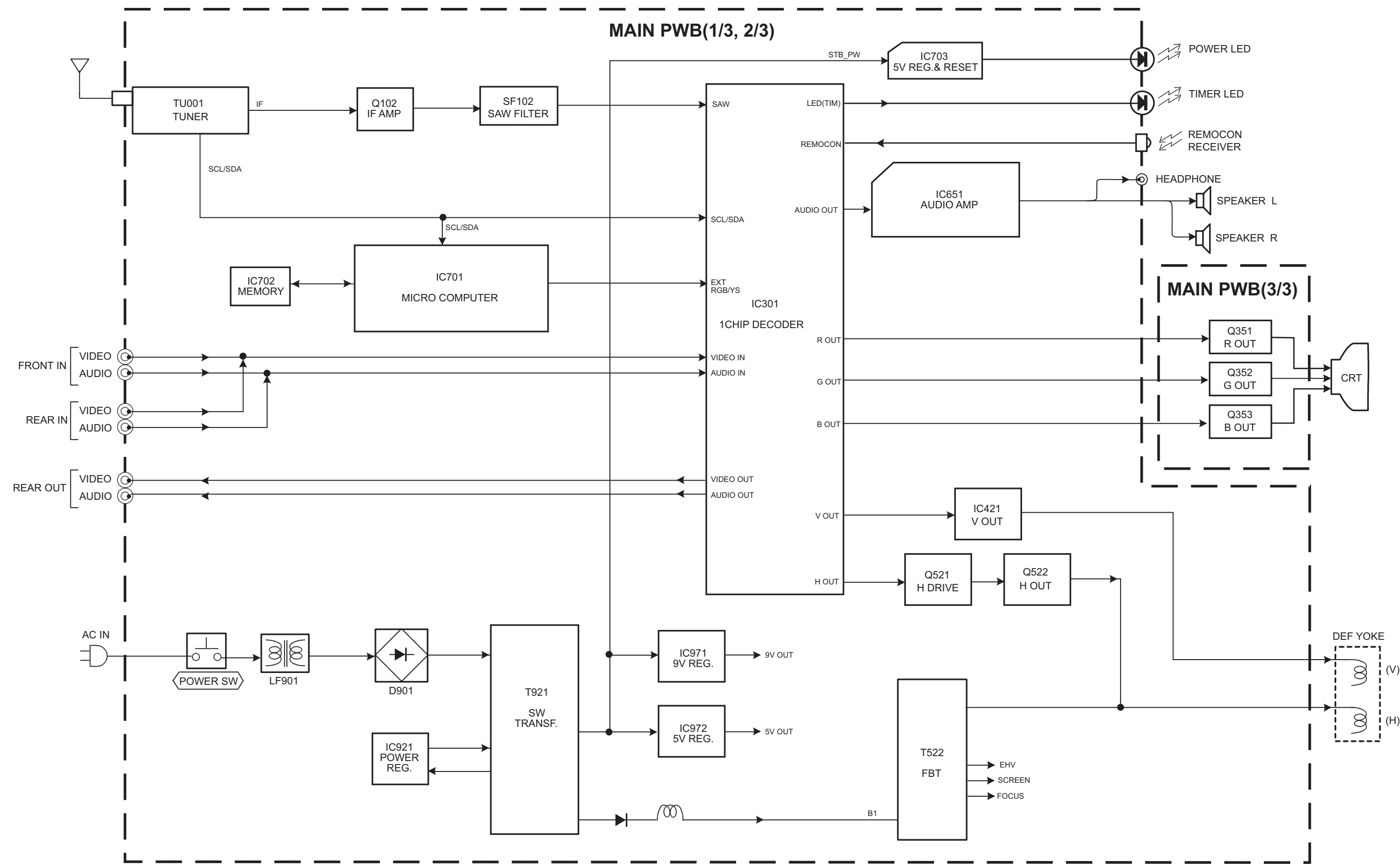
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BOTTOM VIEW	FRONT VIEW			TOP VIEW

CHIP IC

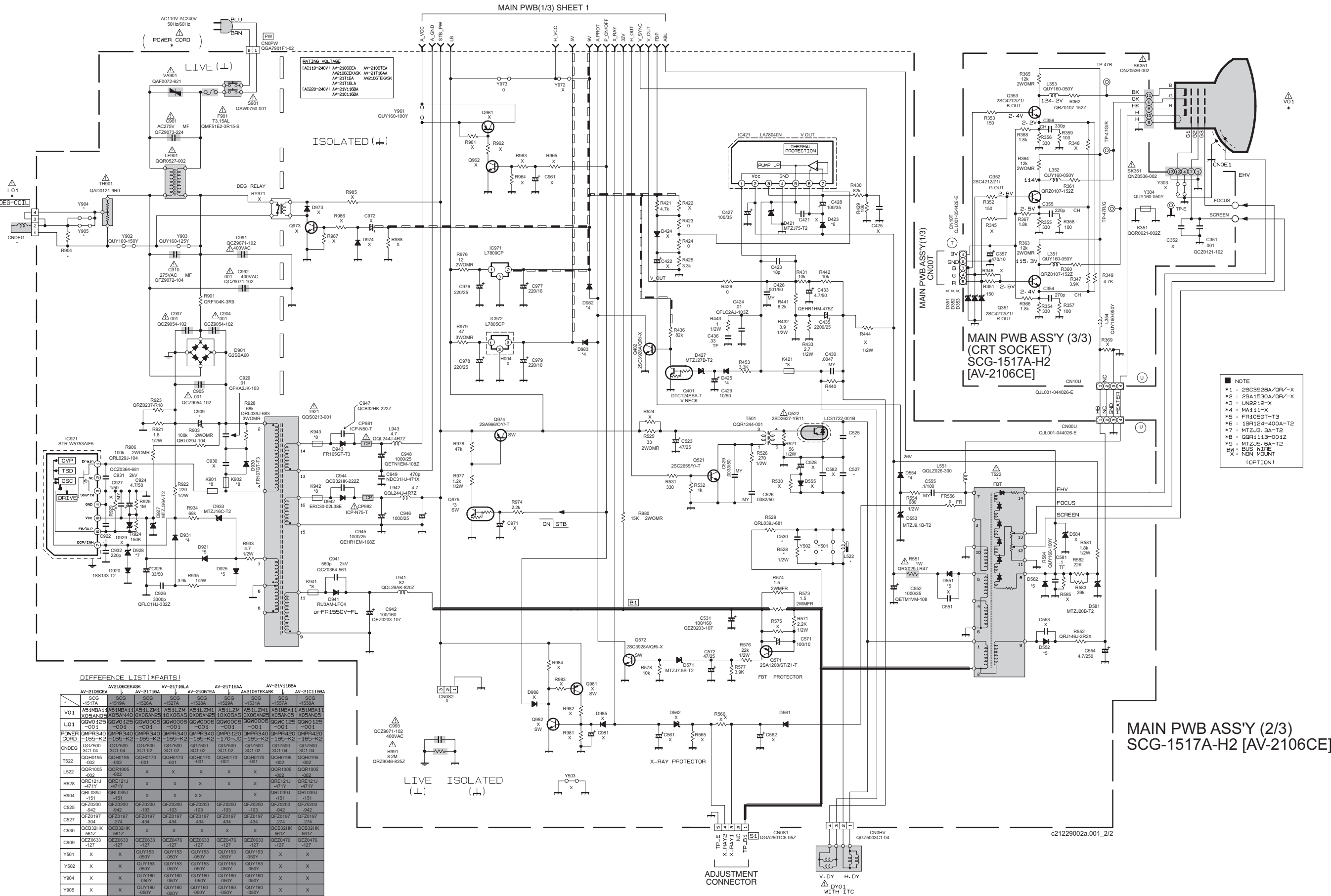
TOP VIEW		

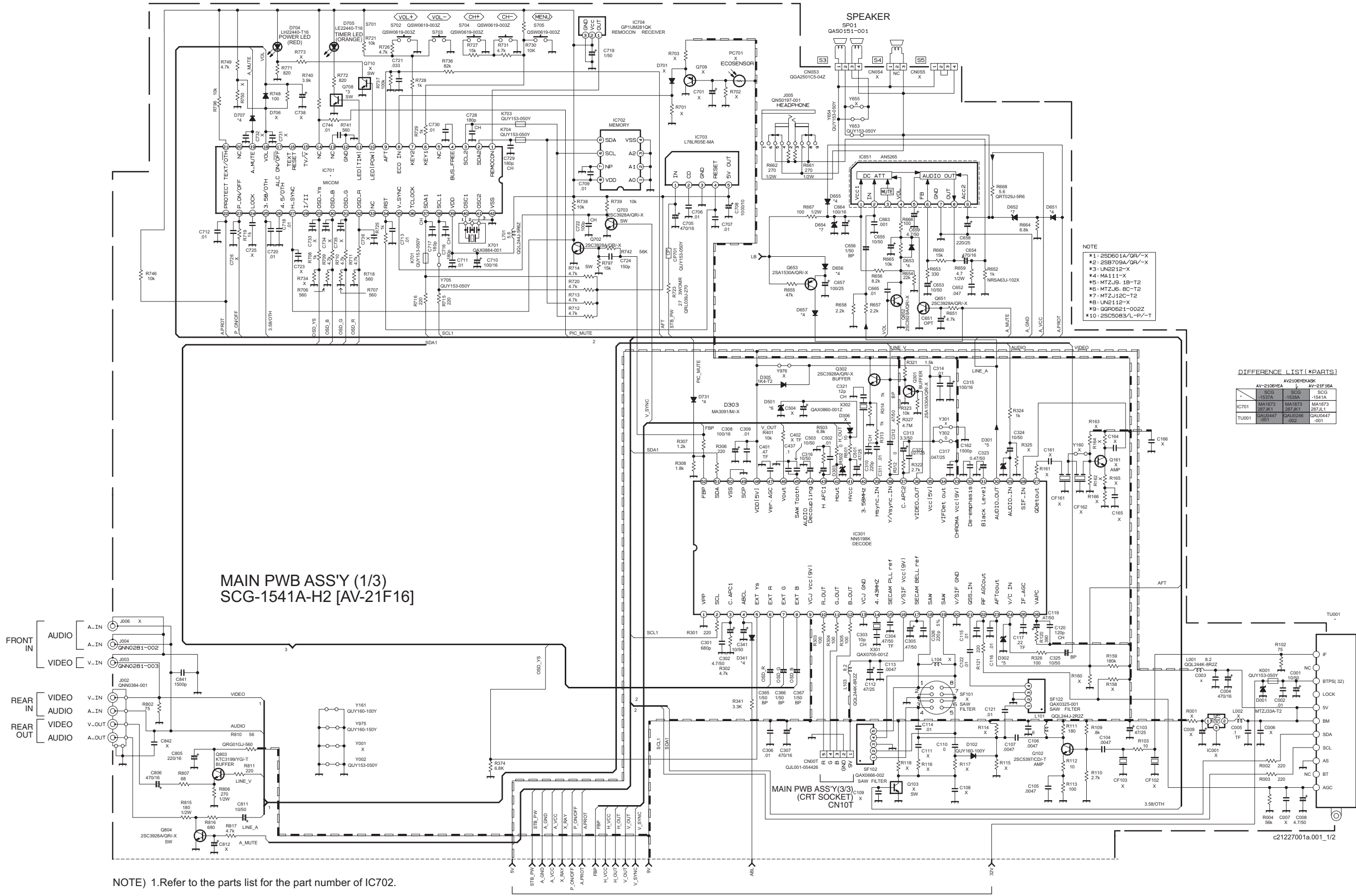
BLOCK DIAGRAM

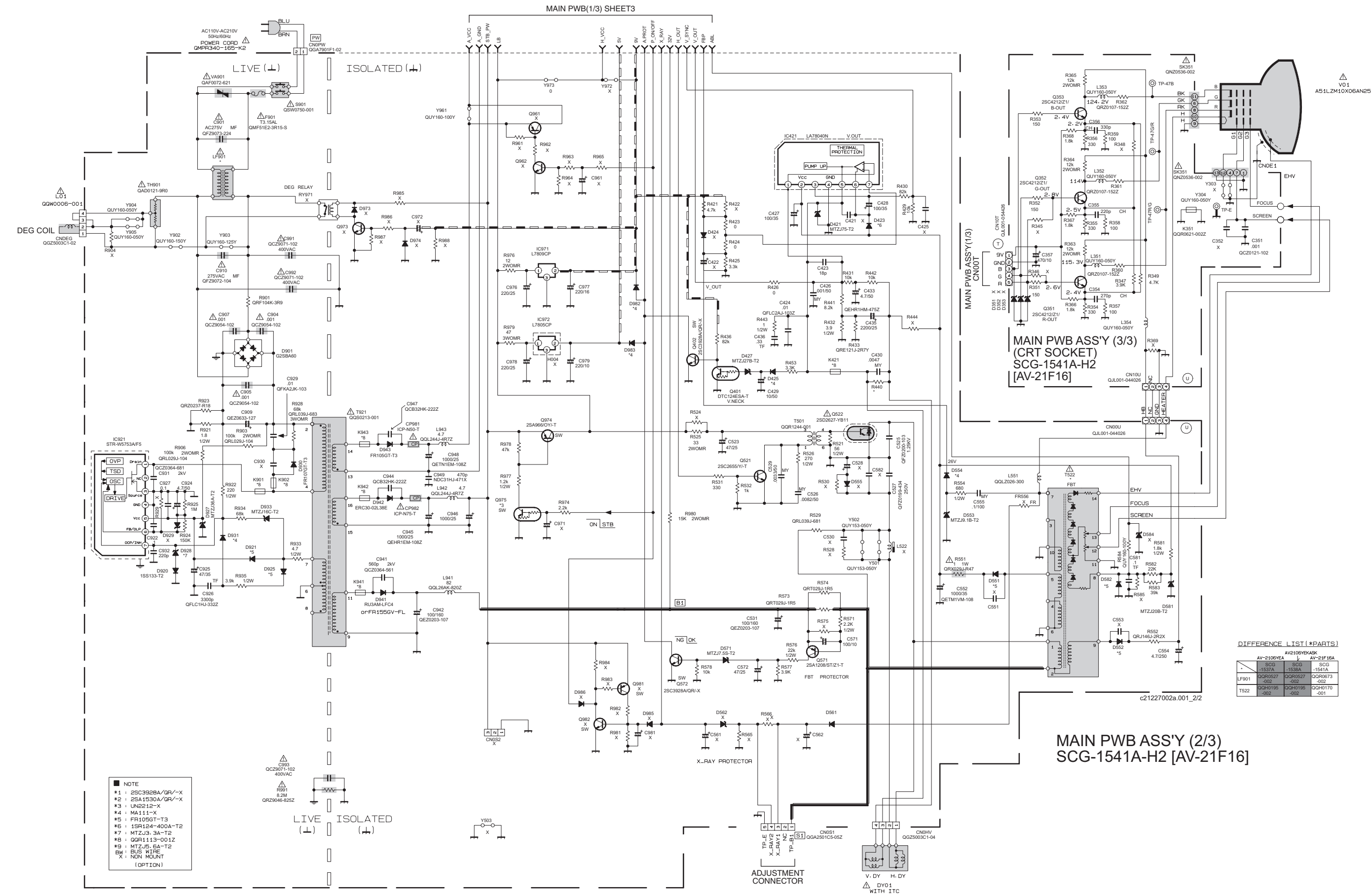


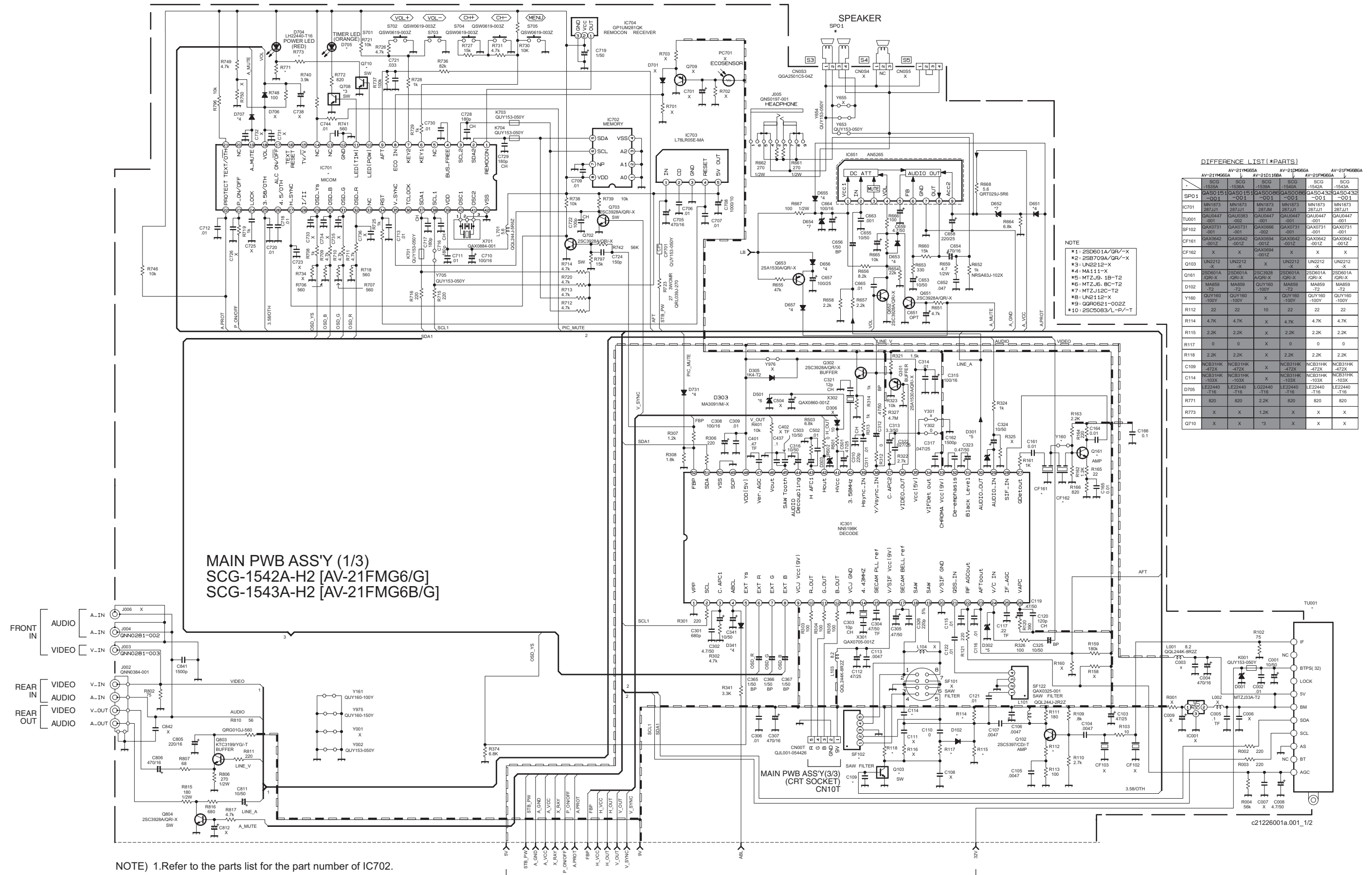
MAIN PWB CIRCUIT DIAGRAM [AV-2106CE] (1/3) SHEET1



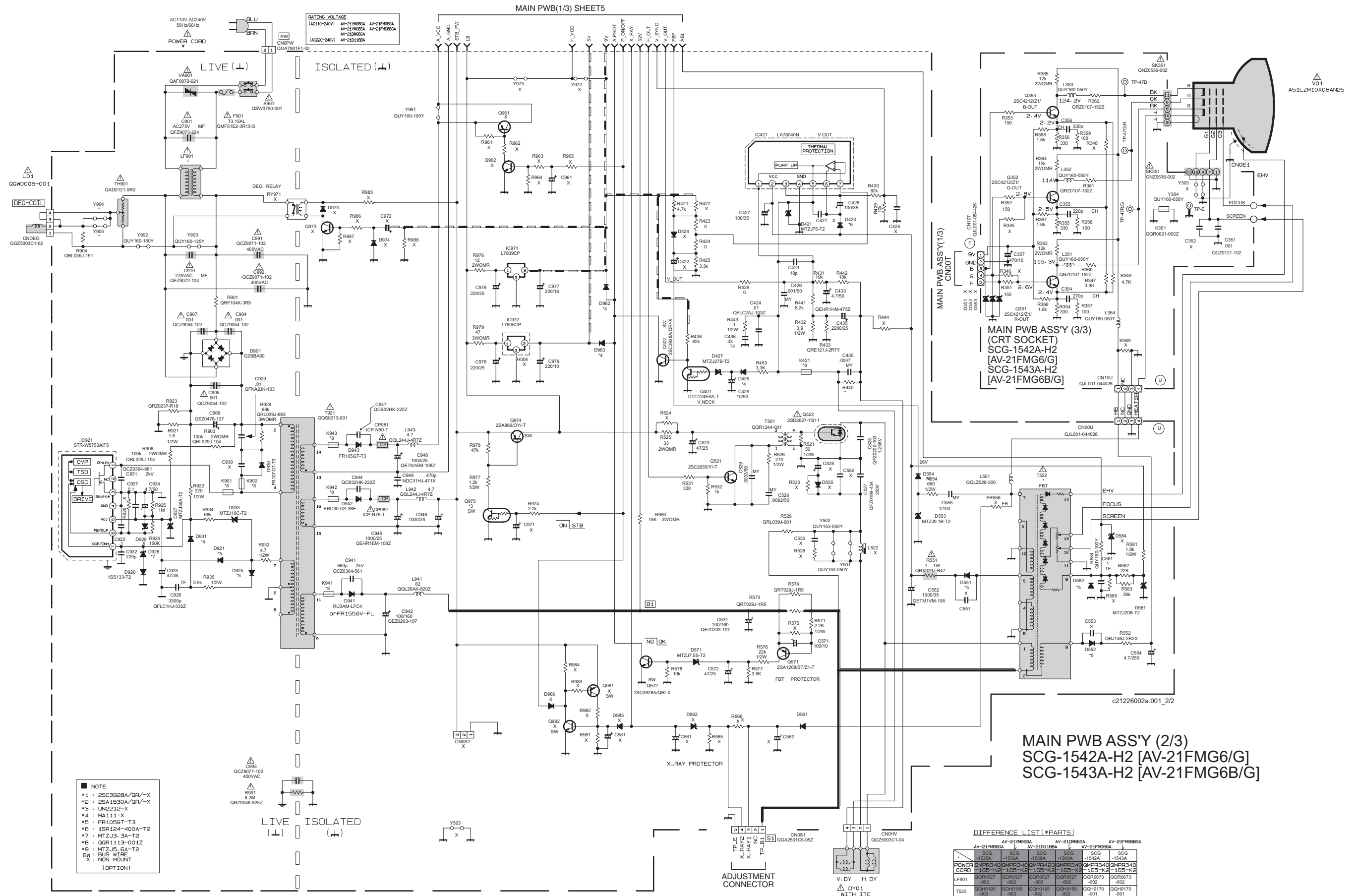




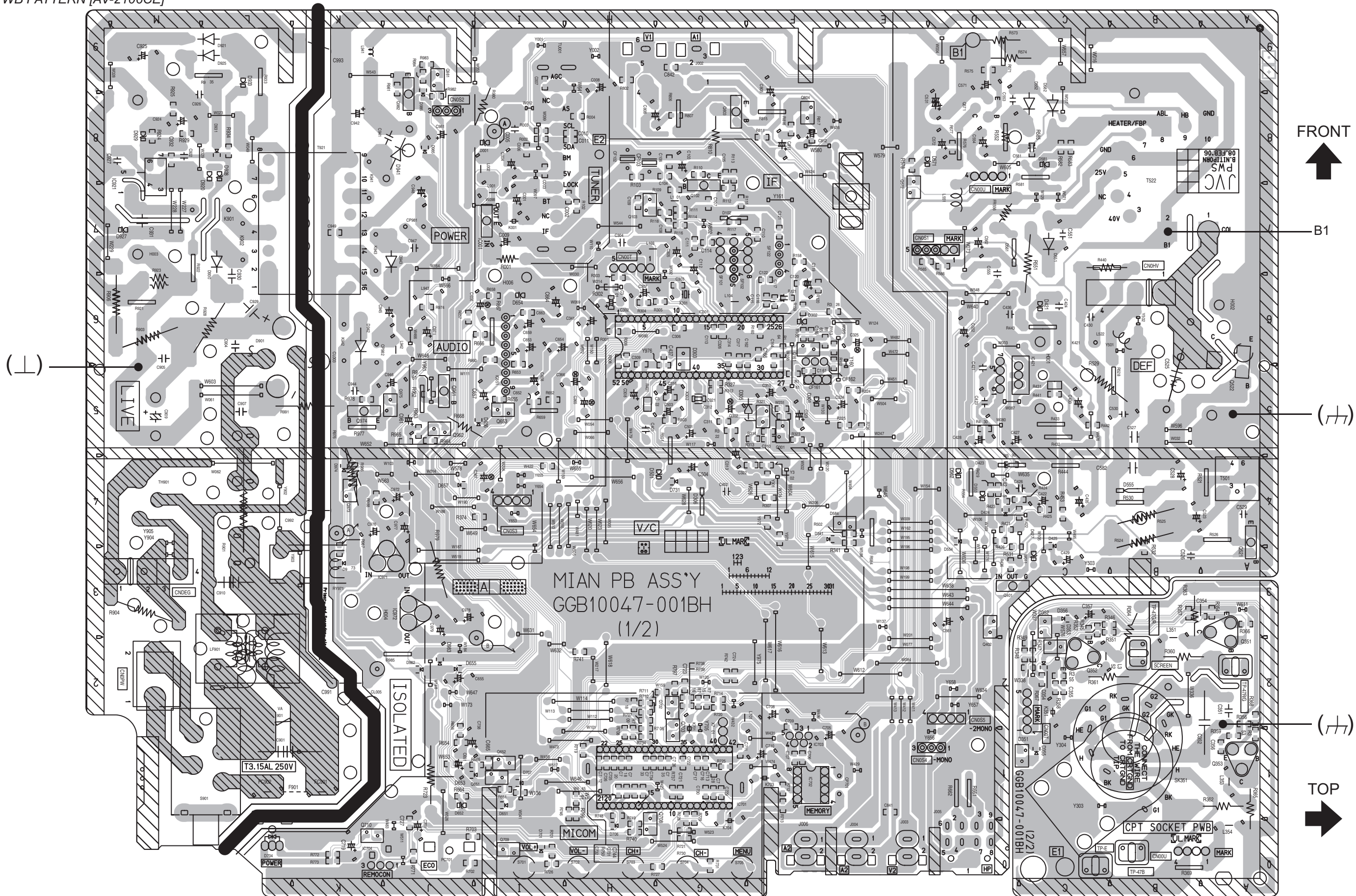


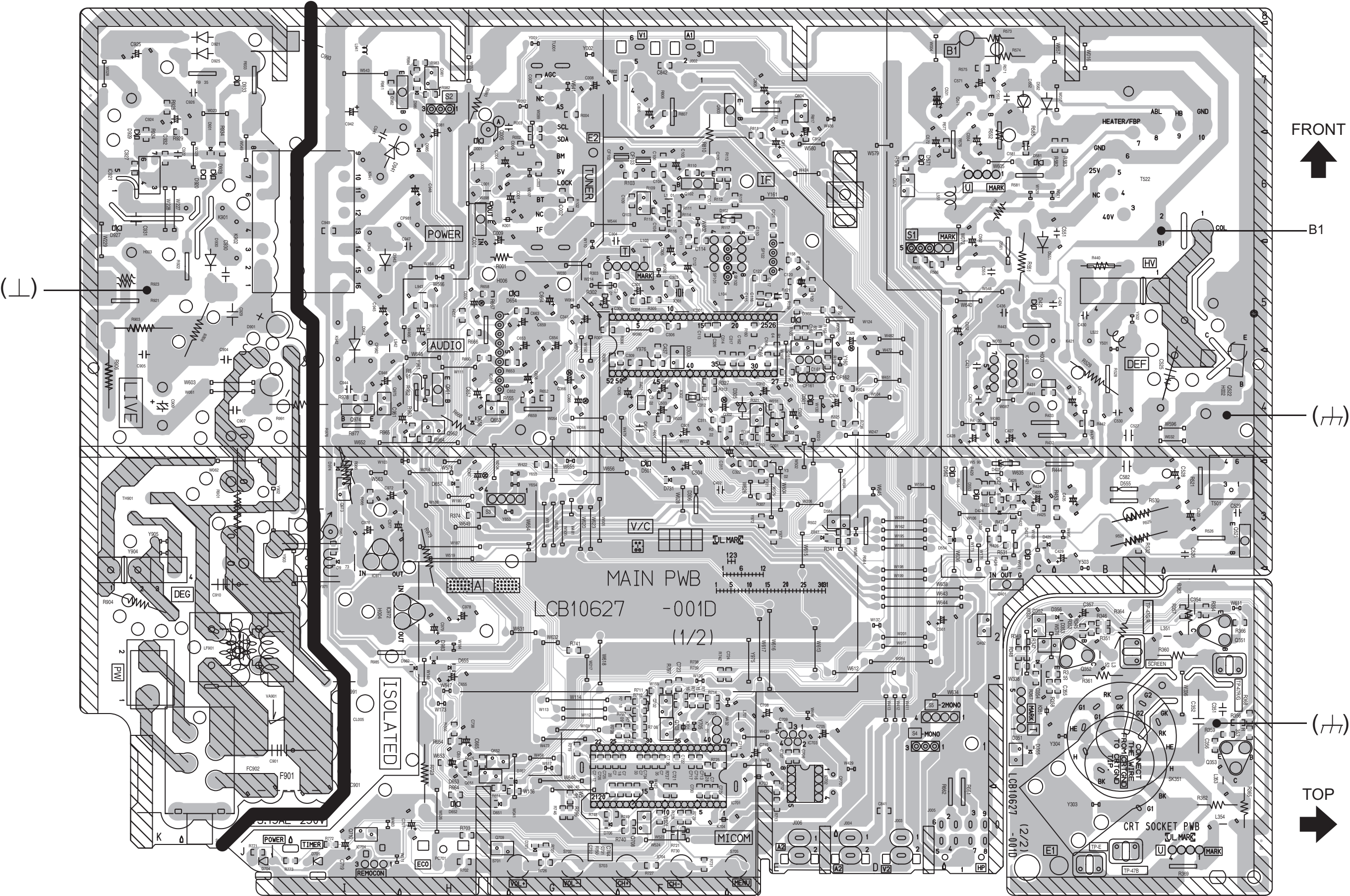


NOTE) 1.Refer to the parts list for the part number of IC702.



MAIN PWB PATTERN [AV-2106CE]





FRONT
↑

TOP
↑

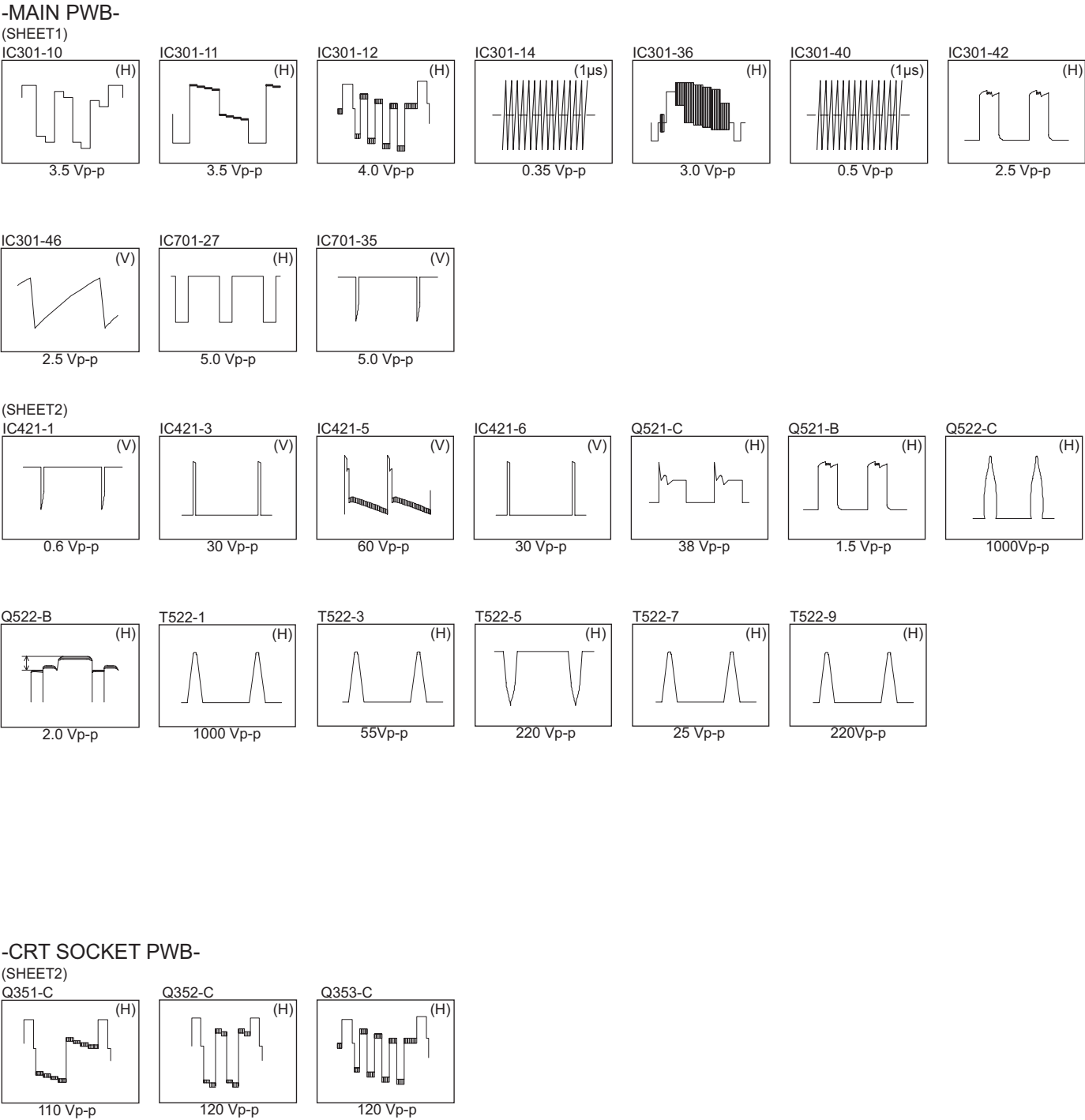
VOLTAGE CHARTS

<MAIN PWB>			<CRT SOCKET PWB>		
MODE PIN NO.	DC (V)		MODE PIN NO.	DC (V)	
IC301			Q651		
1	0		E	0	
2	4.4		C	0.3	
3	6.3		B	0	
4	3.4		Q652		
5	0		E	0	
6	5.0		C	1.0	
7	5.0		B	0.6	
8	5.5		Q653		
9	9.0		E	15.1	
10	3.0		C	0	
11	3.0		B	15.2	
12	3.0		Q702		
13	0		E	0	
14	2.8		C	4.2	
15	4.2		B	0	
16	9.0		Q703		
17	3.8		E	0	
18	2.8		C	4.8	
19	2.8		B	0.1	
20	0		Q708		
21	0		E	0	
22	0		C	2.0	
23	4.4		B	0	
24	3.2		Q710		
25	3.0		E	0	
26	3.5		C	0.1	
27	4.2		B	0	
28	3.7		Q803		
29	4.1		E	0	
30	3.9		C	8.1	
31	4.2		B	4.7	
32	4.2		Q804		
33	9.0		E	0	
34	4.0		C	0	
35	4.7		B	0.1	
36	4.0		Q974		
37	6.1		E	15.3	
38	4.2		C	15.1	
39	4.3		B	0	
40	2.7		Q975		
41	6.2		E	0	
42	1.0		C	0.1	
43	3.7		B	4.3	
44	3.9		TU001		
45	1.2		1	4.6	
46	3.1		2	NC	
47	5.4		3	0	
48	5.0		4	4.4	
49	0.7		5	0	
50	0		6	4.5	
51	4.4		7	4.9	
52	0.7		8	0	
IC421			9	31.3	
1	3.7		10	NC	
2	26.0		11	0	
3	2.0				
4	0				
5	13.8				
6	26.3				
7	3.7				
IC651					
1	12.5				
2	5.6				
3	0				
4	2.4				
5	9.4				
6	9.6				
7	0				
8	9.7				
9	19.9				
IC701					
1	4.5				
2	4.9				
3	0				
4	0				
5	0				
6	4.9				
7	4.9				
8	2.3				
9	3.0				
10	4.9				
11	0				
12	0				
13	2.4				
14	0.1				
15	1.8				
16	1.8				
17	0				
18	0.8				
19	0				
20	4.9				
21	4.9				
22	4.9				
23	4.9				
24	2.3				
25	4.9				

MODE PIN NO.	DC (V)	
26	0	
27	4.1	
28	4.9	
29	0	
30	0	
31	0	
32	0	
33	0	
34	4.9	
35	4.7	
36	4.9	
37	4.4	
38	4.4	
39	4.9	
40	0	
41	2.1	
42	0	
IC702		
1	0	
2	0	
3	0	
4	0	
5	4.9	
6	4.9	
7	0	
8	4.9	
IC703		
1	14.4	
2	5.8	
3	0	
4	4.9	
5	4.9	
IC704		
1	4.5	
2	4.9	
3	0	
IC921		
1	314.0	
2	NC	
3	0	
4	0	
5	31.8	
6	0	
7	0.7	
IC971		
1	12.8	
2	9.0	
3	0	
IC972		
1	9.2	
2	4.9	
3	0	
Q102		
E	0	
C	9.0	
B	2.3	
Q103		
E	0	
C	0	
B	4.0	
Q161		
E	2.5	
C	8.3	
B	3.2	
Q301		
E	4.6	
C	0	
B	4.0	
Q302		
E	4.0	
C	9.0	
B	4.6	
Q401		
E	0	
C	0	
B	5.4	
Q402		
E	0	
C	4.9	
B	0	
Q521		
E	0	
C	9.7	
B	0.3	
Q522		
E	0	
C	115.3	
B	0	
Q571		
E	115.5	
C	0	
B	115.1	
Q572		
E	0	
C	4.9	
B	0	

MODE PIN NO.	DC (V)	
Q351		
E	2.5	
C	125.8	
B	3.2	
Q352		
E	2.6	
C	123.3	
B	3.3	
Q353		
E	2.5	
C	128.5	
B	3.2	

WAVEFORMS





Victor Company of Japan, Limited
CRT Display Category 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA393)



Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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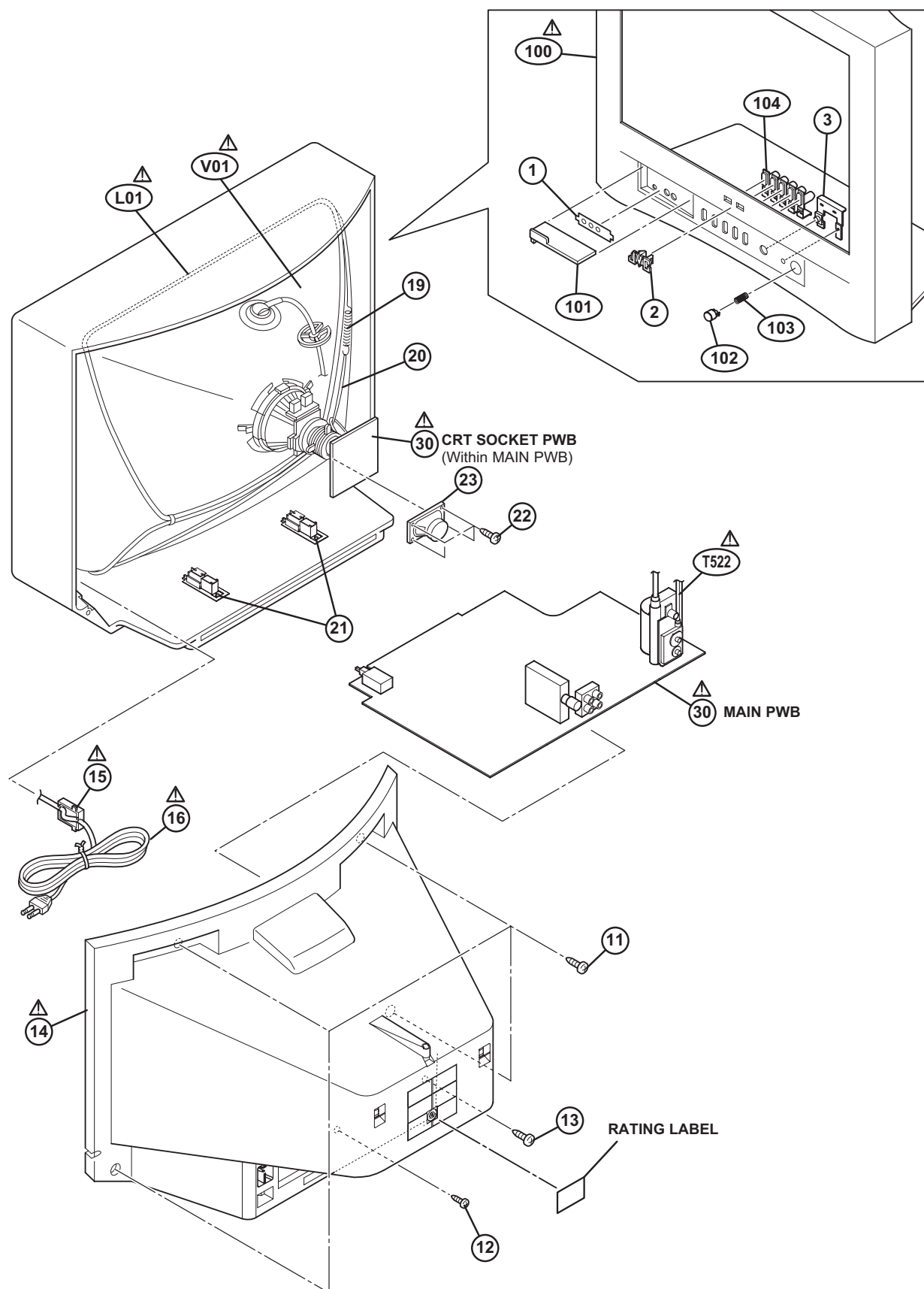
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	AV-2106CE	AV-21F16	AV-21FMG6/G	AV-21FMG6B/G
MAIN P.W.B	SCG-1517A-H2	SCG-1541A-H2	SCG-1542A-H2	SCG-1543A-H2
REMOTE CONTROL UNIT	RM-C360GY-1H	←	←	←

EXPLODED VIEW PARTS LIST -1 [AV-2106CE]

△	Ref.No.	Part No.	Part Name	Description	Local
△	V01	A51MBA11X05AN05	PICTURE TUBE(ITC)	Inc.DEF YOKE, PC MAGNET	
△	L01	QQW0125-001	DEG COIL		
△	T522	QQH0195-002	FB TRANSF		
	1	GG30079-003A-H	AV SHEET		
	2	GG40040-001A-H	JVC MARK		
	3	GG30076-001A-H	LED LENS		
	11	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x4)	
	12	QYSBSF3010ZA	TAP SCREW	M3 x 10mm	
	13	QYSBSF4012ZA	TAP SCREW	M4 x 12mm	
△	14	GG10265-007A-H	REAR COVER		
△	15	CM47005-A01-H	POWER CORD CLAMP		
△	16	QMPR340-165-K2	POWER CORD	1.65m BLACK	
	19	A48457-3-H	SPRING		
	20	WJY0008-006A-E	BRAIDED ASS'Y		
	21	CM36623-003-H	CHASSIS RAIL	(x2)	
	22	QYSBSF4012ZA	TAP SCREW	M4 x 12mm(x4)	
	23	QAS0054-001	SPEAKER	SP01	
△	30	SCG-1517A-H2	MAIN PWB		
△	100	GG10263-011A-H	FRONT CABINET ASS'Y	Inc.101,102,103,104	
	101	GG20053-001B-H	DOOR		
	102	GG30077-001B-H	POWER KNOB		
	103	CM35235-006-H	SPRING		
	104	GG20052-001A-H	CONTROL KNOB		

EXPLODED VIEW -1 [AV-2106CE]

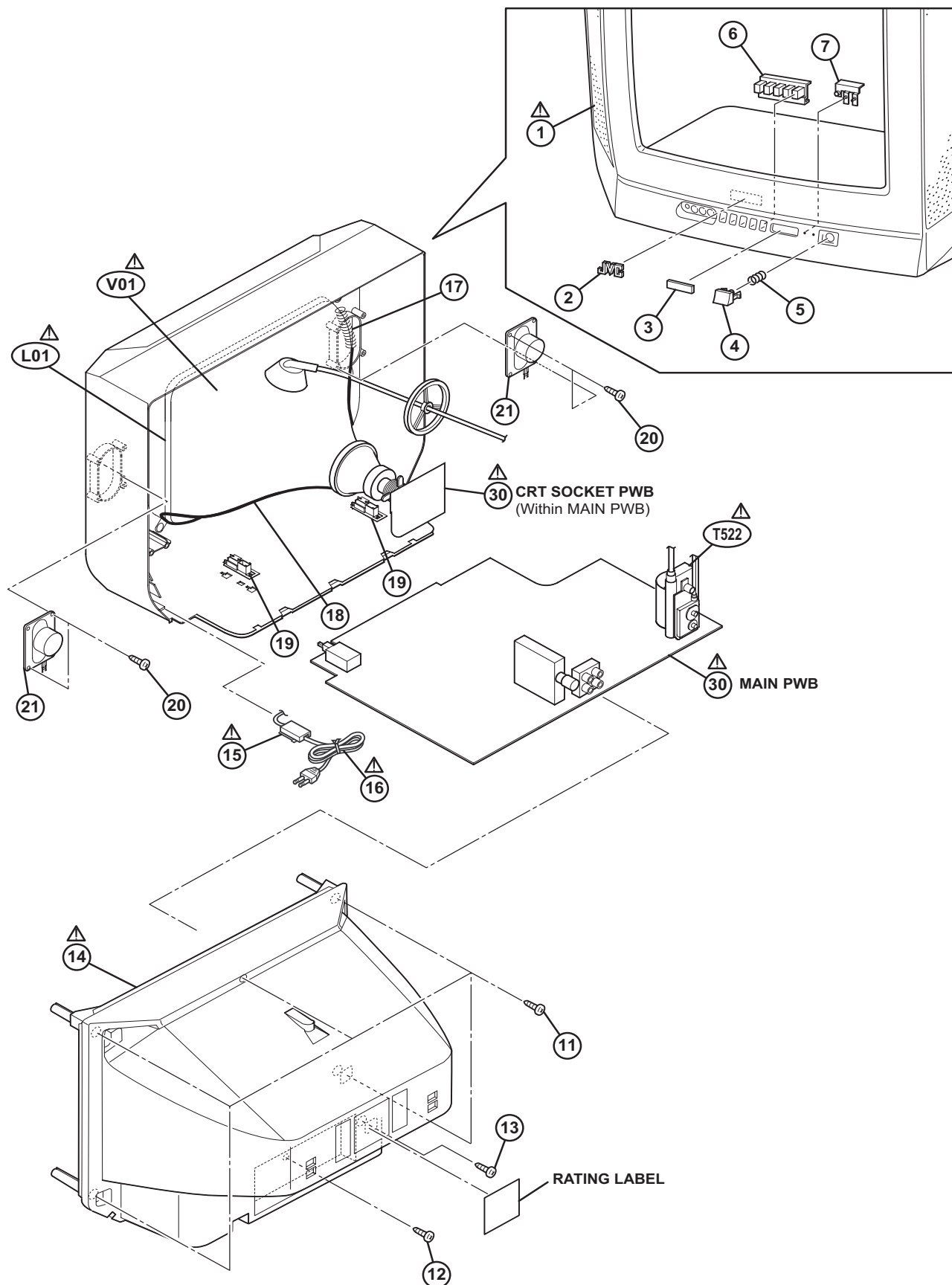


EXPLODED VIEW PARTS LIST -2

[AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

△	Ref.No.	Part No.	Part Name	Description	Local
△	V01	A51LZM10X06AN25	PICTURE TUBE(ITC)	Inc.DEF YOKE, PC MAGNET	
△	L01	QQW0006-001	DEG COIL		
△	T522	QQH0170-001	FB TRANSF		
△	1	LC10394-045A-H	FRONT CABINET		AV-21F16,AV-21FMG6G
△	1	LC10394-046A-H	FRONT CABINET		AV-21FMG6BG
	2	CM48006-007-C	JVC MARK		
	3	LC30617-001C-H	E.E.WINDOW		
	4	LC30616-004A-H	POWER KNOB		AV-21F16,AV-21FMG6G
	4	LC30616-001B-H	POWER KNOB		AV-21FMG6BG
	5	CM35235-006-H	SPRING		
	6	LC20292-004A-H	CONTROL KNOB		AV-21F16,AV-21FMG6G
	6	LC20292-001A-H	CONTROL KNOB		AV-21FMG6BG
	7	LC30618-001B-H	LED LENS		
	11	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x5)	
	12	QYSBSF3010ZA	TAP SCREW	M3 x 10mm	
	13	QYSBSBG4016ZA	TAP SCREW	M4 x 16mm	
△	14	LC10448-015B-H	REAR COVER		
△	15	CM47005-A01-H	POWER CORD CLAMP		
△	16	QMPR340-165-K2	POWER CORD	1.65m BLACK	
	17	A48457-3-H	SPRING		
	18	WJY0008-006A-E	BRAIDED ASS'Y		
	19	CM36623-003-H	CHASSIS RAIL	(x2)	
	20	QYSBSF4012ZA	TAP SCREW	M4 x 12mm(x4)	
	21	QAS0151-001	SPEAKER	(x2)SP01, SP02	AV-21F16,AV-21FMG6BG
	21	QAS0432-001	SPEAKER	(x2)SP01, SP02	AV-21FMG6G
△	30	SCG-1541A-H2	MAIN PWB		AV-21F16
△	30	SCG-1542A-H2	MAIN PWB		AV-21FMG6G
△	30	SCG-1543A-H2	MAIN PWB		AV-21FMG6BG

EXPLODED VIEW -2 [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]



PRINTED WIRING BOARD PARTS LIST [AV-2106CE]

MAIN P.W. BOARD ASS'Y (SCG-1517A-H2)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC301	NN5198K	IC		C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M
IC421	LA78040N	IC		C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
IC651	AN5265	IC		C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
IC701	MN1873287JK1	IC(MCU)		C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M
IC702	ATE08-21YMG6	IC	(SERVICE)	C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC703	L78LR05E-MA	IC		C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC704	GP1UM281QK	IR DETECT UNIT	38kHz	C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC921	STR-W5753A/F5	IC		C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC971	L7809CP	IC		C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
IC972	L7805CP	IC		C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M
Q102	2SC5397/CD/-T	TRANSISTOR		C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K
Q301	2SA1530A/QR/-X	TRANSISTOR		C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q302	2SC3928A/QR/-X	TRANSISTOR		C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q351	2SC4212/Z1/	TRANSISTOR		C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q352	2SC4212/Z1/	TRANSISTOR		C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
Q353	2SC4212/Z1/	TRANSISTOR		C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q401	DTC124ESA-T	DIGI TRANSISTOR		C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J
Q402	2SC3928A/QR/-X	TRANSISTOR		C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q521	2SC2655/Y/-T	TRANSISTOR		C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
△Q522	2SD2627-YB11	POW TRANSISTOR		C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K
Q571	2SA1208/ST/Z1-T	TRANSISTOR		C301	NCB31HK-681X	C CAPACITOR	680pF 50V K
Q572	2SC3928A/QR/-X	TRANSISTOR		C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q651	2SC3928A/QR/-X	TRANSISTOR		C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J
Q652	2SC3928A/QR/-X	TRANSISTOR		C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
Q653	2SA1530A/QR/-X	TRANSISTOR		C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q702	2SC3928A/QR/-X	TRANSISTOR		C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q703	2SC3928A/QR/-X	TRANSISTOR		C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M
Q708	UN2212-X	DIGI TRANSISTOR		C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M
Q710	UN2212-X	DIGI TRANSISTOR		C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q803	KTC3199/YG/-T	TRANSISTOR		C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J
Q804	2SC3928A/QR/-X	TRANSISTOR		C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q974	2SA966/OY/-T	TRANSISTOR		C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V M
Q975	UN2212-X	DIGI TRANSISTOR		C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
D001	MTZJ33A-T2	Z DIODE		C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D301	MTZJ9.1B-T2	Z DIODE		C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D302	MTZJ9.1B-T2	Z DIODE		C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D303	MA3091M/-X	Z DIODE		C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
D305	1K4-T2	SB DIODE		C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J	C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J	C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J	C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D341	MA111-X	SI DIODE		C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
D421	MTZJ75-T2	Z DIODE		C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J
D423	1SR124-400A-T2	SI DIODE		C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D425	MA111-X	SI DIODE		C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z
D427	MTZJ27B-T2	Z DIODE		C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J
D501	MTZJ6.8C-T2	Z DIODE		C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J
D551	FR105GT-T3	SI DIODE		C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J
D552	FR105GT-T3	SI DIODE		C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M
D553	MTZJ9.1B-T2	Z DIODE		C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D554	MA111-X	SI DIODE		C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D571	MTZJ7.5S-T2	Z DIODE		C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D581	MTZJ20B-T2	Z DIODE		C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
D582	FR105GT-T3	SI DIODE		C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J
D651	MA111-X	SI DIODE		C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
D652	MTZJ12C-T2	Z DIODE		C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J
D653	MA111-X	SI DIODE		C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D654	MTZJ12C-T2	Z DIODE		C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D655	MA111-X	SI DIODE		C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D656	MA111-X	SI DIODE		C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J
D657	MA111-X	SI DIODE		C433	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M
D704	SPR-39MVWF	LED	POWER,ON TIMER(RED-GREEN)	C435	QETM1EM-228	E CAPACITOR	2200uF 25V M
D707	MA111-X	SI DIODE		C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J
D731	MA111-X	SI DIODE		C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D920	1SS133-T2	SI DIODE		C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D921	FR105GT-T3	SI DIODE		C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D925	FR105GT-T3	SI DIODE		C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D927	MTZJ36A-T2	Z DIODE		C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D928	MTZJ3.3A-T2	Z DIODE		C525	QFZ0200-942	MPP CAPACITOR	9400pF 1.5kV H
D930	FR107GT-T3	SI DIODE		C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J
D931	MA111-X	SI DIODE		C527	QFZ0197-304	MPP CAPACITOR	0.3uF 250V J
D933	MTZJ16C-T2	Z DIODE		C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J
D941	RU3AM-LFC4	SI DIODE		C530	QCB32HK-561Z	C CAPACITOR	560pF 500V K
D942	ERC30-Q2L38E	SI DIODE		C531	QE20203-107	E CAPACITOR	100uF 160V M
D943	FR105GT-T3	SI DIODE		C552	QETM1VM-108	E CAPACITOR	1000uF 35V M
D982	MA111-X	SI DIODE		C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M
D983	MA111-X	SI DIODE		C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J
C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M	C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M
C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M
				C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
				C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
				C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M
				C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M
				C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C727	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C909	QEZO633-127	E CAPACITOR	120uF 450V M	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C922	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C927	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C942	QEZO203-107	E CAPACITOR	100uF 160V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
C945	QEH1EM-108Z	E CAPACITOR	1000uF 25V M	R528	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	△R551	QRX029J-R47	MF RESISTOR	0.47Ω 2W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R112	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J
R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J
R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
				R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R710	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K942	QQR1113-001Z	FERRITE BEADS	
R711	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K943	QQR1113-001Z	FERRITE BEADS	
R712	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△LF901	QQR0527-002	LINE FILTER	
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S701	QSW0619-003Z	PUSH SWITCH	VOL+
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S702	QSW0619-003Z	PUSH SWITCH	VOL-
R715	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	S703	QSW0619-003Z	PUSH SWITCH	CH+
R716	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-
R718	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU
R719	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	SF102	QAX0666-002	SAW FILTER	
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	SF122	QAX0325-001	SAW FILTER	
R723	QRL039J-270	OMF RESISTOR	27Ω 3W J	△SK351	QNZ0536-002	CRT SOCKET	
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	TU001	QAU0246-002	TUNER	
R727	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	△VA901	QAF0072-621	VARISTOR	620V
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz
R730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		LC30349-001A-H	LED HOLDER	
R736	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R737	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R738	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R739	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R741	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R742	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J				
R746	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R748	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R771	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R772	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J				
R773	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R796	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R797	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R802	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J				
R806	QRE121J-271Y	C RESISTOR	270Ω 1/2W J				
R807	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J				
R810	QRG01GJ-560	OMF RESISTOR	56Ω 1W J				
R811	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R815	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R816	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J				
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω 10W K				
R903	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R904	QRL039J-151	OMF RESISTOR	150Ω 3W J				
R906	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω 1/2W J				
R922	QRE121J-221Y	C RESISTOR	220Ω 1/2W J				
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω 3W J				
R924	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J				
R925	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J				
R928	QRL039J-683	OMF RESISTOR	68kΩ 3W J				
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J				
R934	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J				
R935	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J				
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R976	QRL029J-120	OMF RESISTOR	12Ω 2W J				
R977	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J				
R978	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R979	QRL039J-470	OMF RESISTOR	47Ω 3W J				
R980	QRL029J-153	OMF RESISTOR	15kΩ 2W J				
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K				
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH J				
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L522	QQR1005-002	LINEARITY COIL					
L551	QQLZ026-300	COIL	30uH ±7%				
L701	QQL244J-5R6Z	COIL	5.6uH J				
L941	QQL26AK-820Z	CHOKE COIL	82uH K				
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
T501	QQR1244-001	DRIVE TRANSF					
△T921	QQS0213-001	SW TRANSF					
△CP981	ICP-N50-T	IC PROTECTOR	2.0A				
△CP982	ICP-N75-T	IC PROTECTOR	2.7A				
△F901	QMF51E2-3R15-S	FUSE	3.15A AC250V				
J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN(OUT)(REAR)				
J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)				
J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)				
J005	QNS0197-001	3.5 JACK	HEADPHONE				
K351	QQR0621-002Z	FERRITE BEADS					
K421	QQR1113-001Z	FERRITE BEADS					
K901	QQR1113-001Z	FERRITE BEADS					
K902	QQR1113-001Z	FERRITE BEADS					
K941	QQR1113-001Z	FERRITE BEADS					

PRINTED WIRING BOARD PARTS LIST [AV-21F16]

MAIN P.W. BOARD ASS'Y (SCG-1541A-H2)

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
IC301	NN5198K	IC			C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
IC421	LA78040N	IC			C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
IC651	AN5265	IC			C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
IC701	MN1873287JL1	IC			C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
IC702	ATE08-21YMG6	IC	(SREVICE)		C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC703	L78LR05E-MA	IC			C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC704	GP1UM281QK	IR DETECT UNIT	38kHz		C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC921	STR-W5753A/F5	IC			C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
IC971	L7809CP	IC			C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
IC972	L7805CP	IC			C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
Q102	2SC5397/CD/-T	TRANSISTOR			C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
Q301	2SA1530A/QR/-X	TRANSISTOR			C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q302	2SC3928A/QR/-X	TRANSISTOR			C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q351	2SC4212/Z1/	TRANSISTOR			C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q352	2SC4212/Z1/	TRANSISTOR			C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
Q353	2SC4212/Z1/	TRANSISTOR			C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
Q401	DTC124ESA-T	DIGI TRANSISTOR			C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
Q402	2SC3928A/QR/-X	TRANSISTOR			C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q521	2SC2655/Y/-T	TRANSISTOR			C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
△Q522	2SD2627-YB11	POW TRANSISTOR			C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
Q571	2SA1208/ST/Z1-T	TRANSISTOR			C301	NCB31HK-681X	C CAPACITOR	680pF 50V K	
Q572	2SC3928A/QR/-X	TRANSISTOR			C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q651	2SC3928A/QR/-X	TRANSISTOR			C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q652	2SC3928A/QR/-X	TRANSISTOR			C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
Q653	2SA1530A/QR/-X	TRANSISTOR			C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
Q702	2SC3928A/QR/-X	TRANSISTOR			C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q703	2SC3928A/QR/-X	TRANSISTOR			C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
Q708	UN2212-X	DIGI TRANSISTOR			C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
Q803	KTC3199/YG/-T	TRANSISTOR			C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q804	2SC3928A/QR/-X	TRANSISTOR			C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
Q974	2SA966/OY/-T	TRANSISTOR			C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q975	UN2212-X	DIGI TRANSISTOR			C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V K	
D001	MTZJ33A-T2	Z DIODE			C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
D301	MTZJ9.1B-T2	Z DIODE			C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D302	MTZJ9.1B-T2	Z DIODE			C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
D303	MA3091/M/-X	Z DIODE			C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D305	1K4-T2	SB DIODE			C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J		C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J		C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K	
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J		C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
D341	MA111-X	SI DIODE			C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D421	MTZJ75-T2	Z DIODE			C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
D423	1SR124-400A-T2	SI DIODE			C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J	
D425	MA111-X	SI DIODE			C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D427	MTZJ27B-T2	Z DIODE			C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z	
D501	MTZJ6.8C-T2	Z DIODE			C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J	
D551	FR105GT-T3	SI DIODE			C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
D552	FR105GT-T3	SI DIODE			C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
D553	MTZJ9.1B-T2	Z DIODE			C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
D554	MA111-X	SI DIODE			C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
D571	MTZJ7.5S-T2	Z DIODE			C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
D581	MTZJ20B-T2	Z DIODE			C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
D582	FR105GT-T3	SI DIODE			C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
D651	MA111-X	SI DIODE			C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J	
D652	MTZJ12C-T2	Z DIODE			C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	
D653	MA111-X	SI DIODE			C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J	
D654	MTZJ12C-T2	Z DIODE			C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
D655	MA111-X	SI DIODE			C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
D656	MA111-X	SI DIODE			C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D657	MA111-X	SI DIODE			C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J	
D704	LH22440-T16	LED	POWER(RED)		C433	QEH1HM-475Z	E CAPACITOR	4.7uF 50V M	
D705	LE22440-T16	LED	ON TIMER(ORG)		C435	QETM1EM-228	E CAPACITOR	2200uF 25V M	
D707	MA111-X	SI DIODE			C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
D731	MA111-X	SI DIODE			C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
D920	1SS133-T2	SI DIODE			C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
D921	FR105GT-T3	SI DIODE			C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D925	FR105GT-T3	SI DIODE			C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D927	MTZJ36A-T2	Z DIODE			C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
D928	MTZJ3.3A-T2	Z DIODE			C525	QFZ0200-103	MPP CAPACITOR	0.01uF 1.5kV H	
D930	FR107GT-T3	SI DIODE			C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J	
D931	MA111-X	SI DIODE			C527	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J	
D933	MTZJ16C-T2	Z DIODE			C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	
D941	RU3AM-LFC4	SI DIODE			C531	QEZ0203-107	E CAPACITOR	100uF 160V M	
D942	ERC30-02L38E	SI DIODE			C552	QETM1VM-108	E CAPACITOR	1000uF 35V M	
D943	FR105GT-T3	SI DIODE			C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M	
D982	MA111-X	SI DIODE			C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J	
D983	MA111-X	SI DIODE			C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
					C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
					C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
					C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
					C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
					C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C909	QE20633-127	E CAPACITOR	120uF 450V M	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C922	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C927	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C942	QE20203-107	E CAPACITOR	100uF 160V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
C945	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	△R551	QRX029J-R47	MF RESISTOR	0.47Ω 2W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R112	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J
R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R710	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R711	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
				R712	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU
R715	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER
R716	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	SF102	QAX0666-002	SAW FILTER	
R718	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	SF122	QAX0325-001	SAW FILTER	
R719	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△SK351	QNZ0536-002	CRT SOCKET	
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	TU001	QAU0447-001	TUNER	
R723	QRL039J-270	OMF RESISTOR	27Ω 3W J	△VA901	QAF0072-621	VARIATOR	620V
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz
R727	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		LC30114-001C-H	LED HOLDER	
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R736	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R737	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R738	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R739	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R741	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R742	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J				
R746	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R748	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R771	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R772	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R796	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R797	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R802	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J				
R806	QRE121J-271Y	C RESISTOR	270Ω 1/2W J				
R807	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J				
R810	QRG01GJ-560	OMF RESISTOR	56Ω 1W J				
R811	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R815	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R816	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J				
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω 10W K				
R903	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R906	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω 1/2W J				
R922	QRE121J-221Y	C RESISTOR	220Ω 1/2W J				
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω 3W J				
R924	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J				
R925	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J				
R928	QRL039J-683	OMF RESISTOR	68kΩ 3W J				
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J				
R934	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J				
R935	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J				
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R976	QRL029J-120	OMF RESISTOR	12Ω 2W J				
R977	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J				
R978	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R979	QRL039J-470	OMF RESISTOR	47Ω 3W J				
R980	QRL029J-153	OMF RESISTOR	15kΩ 2W J				
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K				
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH J				
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L551	QQLZ026-300	COIL	30uH ±7%				
L701	QQL244J-5R6Z	COIL	5.6uH J				
L941	QQL26AK-820Z	CHOKE COIL	82uH K				
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
T501	QQR1244-001	DRIVE TRANSF					
△T921	QQS0213-001	SW TRANSF					
△CP981	ICP-N50-T	IC PROTECTOR	2.0A				
△CP982	ICP-N75-T	IC PROTECTOR	2.7A				
△F901	QMF51E2-3R15-S	FUSE	3.15A AC250V				
J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN(OUT)(REAR)				
J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)				
J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)				
J005	QNS0197-001	3.5 JACK	HEADPHONE				
K351	QQR0621-002Z	FERRITE BEADS					
K421	QQR1113-001Z	FERRITE BEADS					
K901	QQR1113-001Z	FERRITE BEADS					
K902	QQR1113-001Z	FERRITE BEADS					
K941	QQR1113-001Z	FERRITE BEADS					
K942	QQR1113-001Z	FERRITE BEADS					
K943	QQR1113-001Z	FERRITE BEADS					
△LF901	QQR0673-002	LINE FILTER					
S701	QSW0619-003Z	PUSH SWITCH	VOL+				
S702	QSW0619-003Z	PUSH SWITCH	VOL-				
S703	QSW0619-003Z	PUSH SWITCH	CH+				

PRINTED WIRING BOARD PARTS LIST [AV-21FMG6/G]

MAIN P.W. BOARD ASS'Y (SCG-1542A-H2)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC301	NN5198K	IC		C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M
IC421	LA78040N	IC		C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
IC651	AN5265	IC		C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M
IC701	MN1873287JJ1	IC		C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
IC702	ATE08-21YMG6	IC	(SREVICE)	C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
IC703	L78LR05E-MA	IC		C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M
IC704	GP1UM281QK	IR DETECT UNIT	38kHz	C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC921	STR-W5753A/F5	IC		C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC971	L7809CP	IC		C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K
IC972	L7805CP	IC		C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K
				C109	NCB31HK-472X	C CAPACITOR	4700pF 50V K
Q102	2SC5397/CD/-T	TRANSISTOR		C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Q103	UN2212-X	DIGI TRANSISTOR		C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M
Q161	2SD601A/QR/-X	TRANSISTOR		C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K
Q301	2SA1530A/QR/-X	TRANSISTOR		C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q302	2SC3928A/QR/-X	TRANSISTOR		C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q351	2SC4212/Z1/	TRANSISTOR		C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q352	2SC4212/Z1/	TRANSISTOR		C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
Q353	2SC4212/Z1/	TRANSISTOR		C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q401	DTC124ESA-T	DIGI TRANSISTOR		C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J
Q402	2SC3928A/QR/-X	TRANSISTOR		C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q521	2SC2655/Y/-T	TRANSISTOR		C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
△Q522	2SD2627-YB11	POW TRANSISTOR		C161	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q571	2SA1208/ST/Z1-T	TRANSISTOR		C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K
Q572	2SC3928A/QR/-X	TRANSISTOR		C164	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q651	2SC3928A/QR/-X	TRANSISTOR		C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q652	2SC3928A/QR/-X	TRANSISTOR		C166	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
Q653	2SA1530A/QR/-X	TRANSISTOR		C301	NCB31HK-681X	C CAPACITOR	680pF 50V K
Q702	2SC3928A/QR/-X	TRANSISTOR		C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q703	2SC3928A/QR/-X	TRANSISTOR		C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J
Q708	UN2212-X	DIGI TRANSISTOR		C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
Q803	KTC3199/YG/-T	TRANSISTOR		C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q804	2SC3928A/QR/-X	TRANSISTOR		C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q974	2SA966/OY/-T	TRANSISTOR		C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M
Q975	UN2212-X	DIGI TRANSISTOR		C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M
				C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D001	MTZJ33A-T2	Z DIODE		C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J
D102	MA859-T2	SI DIODE		C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D301	MTZJ9.1B-T2	Z DIODE		C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V M
D302	MTZJ9.1B-T2	Z DIODE		C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
D303	MA3091/M/-X	Z DIODE		C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D305	1K4-T2	SB DIODE		C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J	C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J	C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J	C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J
D341	MA111-X	SI DIODE		C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K
D421	MTZJ75-T2	Z DIODE		C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
D423	1SR124-400A-T2	SI DIODE		C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D425	MA111-X	SI DIODE		C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
D427	MTZJ27B-T2	Z DIODE		C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J
D501	MTZJ6.8C-T2	Z DIODE		C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D551	FR105GT-T3	SI DIODE		C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z
D552	FR105GT-T3	SI DIODE		C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J
D553	MTZJ9.1B-T2	Z DIODE		C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J
D554	MA111-X	SI DIODE		C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J
D571	MTZJ7.5S-T2	Z DIODE		C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M
D581	MTZJ20B-T2	Z DIODE		C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D582	FR105GT-T3	SI DIODE		C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D651	MA111-X	SI DIODE		C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
D652	MTZJ12C-T2	Z DIODE		C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
D653	MA111-X	SI DIODE		C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J
D654	MTZJ12C-T2	Z DIODE		C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
D655	MA111-X	SI DIODE		C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J
D656	MA111-X	SI DIODE		C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D657	MA111-X	SI DIODE		C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D704	LH22440-T16	LED	POWER(RED)	C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D705	LE22440-T16	LED	ON TIMER(ORG)	C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J
D707	MA111-X	SI DIODE		C433	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M
D731	MA111-X	SI DIODE		C435	QETM1EM-228	E CAPACITOR	2200uF 25V M
D920	1SS133-T2	SI DIODE		C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J
D921	FR105GT-T3	SI DIODE		C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D925	FR105GT-T3	SI DIODE		C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D927	MTZJ36A-T2	Z DIODE		C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D928	MTZJ3.3A-T2	Z DIODE		C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D930	FR107GT-T3	SI DIODE		C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D931	MA111-X	SI DIODE		C525	QFZ0200-103	MPP CAPACITOR	0.01uF 1.5kV H
D933	MTZJ16C-T2	Z DIODE		C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J
D941	RU3AM-LFC4	SI DIODE		C527	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J
D942	ERC30-02L38E	SI DIODE		C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J
D943	FR105GT-T3	SI DIODE		C531	QEZ0203-107	E CAPACITOR	100uF 160V M
D982	MA111-X	SI DIODE		C552	QETM1VM-108	E CAPACITOR	1000uF 35V M
D983	MA111-X	SI DIODE		C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M
				C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M	R162	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R163	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R164	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	R165	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R166	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C909	QEZ0476-127	E CAPACITOR	120uF	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C924	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C927	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
C942	QEZ0203-107	E CAPACITOR	100uF 160V M	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C945	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△R551	QXR029J-R47	MF RESISTOR	0.47Ω 2W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R115	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R118	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R161	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
				R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	CF161	QAX0642-001Z	C FILTER	4.500MHz
R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	△CP981	ICP-N50-T	IC PROTECTOR	2.0A
R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J	△CP982	ICP-N75-T	IC PROTECTOR	2.7A
R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	△F901	QMF51E2-3R15-S	FUSE	3.15A AC250V
R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN/OUT(REAR)
R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)
R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)
R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	J005	QNS0197-001	3.5 JACK	HEADPHONE
R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	K351	QQR0621-002Z	FERRITE BEADS	
R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	K421	QQR1113-001Z	FERRITE BEADS	
R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J	K901	QQR1113-001Z	FERRITE BEADS	
R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K902	QQR1113-001Z	FERRITE BEADS	
R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K941	QQR1113-001Z	FERRITE BEADS	
R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	K942	QQR1113-001Z	FERRITE BEADS	
R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K943	QQR1113-001Z	FERRITE BEADS	
R710	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△LF901	QQR0673-002	LINE FILTER	
R711	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S701	QSW0619-003Z	PUSH SWITCH	VOL+
R712	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S702	QSW0619-003Z	PUSH SWITCH	VOL-
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S703	QSW0619-003Z	PUSH SWITCH	CH+
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-
R715	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU
R716	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER
R718	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	SF102	QAX0731-001	SAW FILTER	
R719	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	SF122	QAX0325-001	SAW FILTER	
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△SK351	QNZ0536-002	CRT SOCKET	
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω
R723	QRL039J-270	OMF RESISTOR	27Ω 3W J	TU001	QAU0447-001	TUNER	
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△VA901	QAF0072-621	VARIATOR	620V
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz
R727	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		LC30114-001C-H	LED HOLDER	
R730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R736	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R737	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R738	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R739	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R741	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R742	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J				
R746	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R748	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R771	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R772	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R796	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R797	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R802	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J				
R806	QRE121J-271Y	C RESISTOR	270Ω 1/2W J				
R807	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J				
R810	QRG01GJ-560	OMF RESISTOR	56Ω 1W J				
R811	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R815	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R816	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J				
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω 10W K				
R903	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R906	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω 1/2W J				
R922	QRE121J-221Y	C RESISTOR	220Ω 1/2W J				
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω 3W J				
R924	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J				
R925	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J				
R928	QRL039J-683	OMF RESISTOR	68kΩ 3W J				
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J				
R934	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J				
R935	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J				
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R976	QRL029J-120	OMF RESISTOR	12Ω 2W J				
R977	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J				
R978	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R979	QRL039J-470	OMF RESISTOR	47Ω 3W J				
R980	QRL029J-153	OMF RESISTOR	15kΩ 2W J				
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K				
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH J				
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L551	QQLZ026-300	COIL	30uH ±7%				
L701	QQL244J-5R6Z	COIL	5.6uH J				
L941	QQL26AK-820Z	CHOKE COIL	82uH K				
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
T501	QQR1244-001	DRIVE TRANSF					
△T921	QQS0213-001	SW TRANSF					

PRINTED WIRING BOARD PARTS LIST [AV-21FMG6B/G]

MAIN P.W. BOARD ASS'Y (SCG-1543A-H2)

△Ref No.	Part No.	Part Name	Description Local
IC301	NN5198K	IC	
IC421	LA78040N	IC	
IC651	AN5265	IC	
IC701	MN1873287JJ1	IC	
IC702	ATE08-21YMG6	IC	(SREVICE)
IC703	L78LR05E-MA	IC	
IC704	GP1UM281QK	IR DETECT UNIT	38kHz
IC921	STR-W5753A/F5	IC	
IC971	L7809CP	IC	
IC972	L7805CP	IC	
Q102	2SC5397/CD/-T	TRANSISTOR	
Q103	UN2212-X	DIGI TRANSISTOR	
Q161	2SD601A/QR/-X	TRANSISTOR	
Q301	2SA1530A/QR/-X	TRANSISTOR	
Q302	2SC3928A/QR/-X	TRANSISTOR	
Q351	2SC4212/Z1/	TRANSISTOR	
Q352	2SC4212/Z1/	TRANSISTOR	
Q353	2SC4212/Z1/	TRANSISTOR	
Q401	DTC124ESA-T	DIGI TRANSISTOR	
Q402	2SC3928A/QR/-X	TRANSISTOR	
Q521	2SC2655/Y/-T	TRANSISTOR	
△Q522	2SD2627-YB11	POW TRANSISTOR	
Q571	2SA1208/ST/Z1-T	TRANSISTOR	
Q572	2SC3928A/QR/-X	TRANSISTOR	
Q651	2SC3928A/QR/-X	TRANSISTOR	
Q652	2SC3928A/QR/-X	TRANSISTOR	
Q653	2SA1530A/QR/-X	TRANSISTOR	
Q702	2SC3928A/QR/-X	TRANSISTOR	
Q703	2SC3928A/QR/-X	TRANSISTOR	
Q708	UN2212-X	DIGI TRANSISTOR	
Q803	KTC3199/YG/-T	TRANSISTOR	
Q804	2SC3928A/QR/-X	TRANSISTOR	
Q974	2SA966/OY/-T	TRANSISTOR	
Q975	UN2212-X	DIGI TRANSISTOR	
D001	MTZJ33A-T2	Z DIODE	
D102	MA859-T2	SI DIODE	
D301	MTZJ9.1B-T2	Z DIODE	
D302	MTZJ9.1B-T2	Z DIODE	
D303	MA3091/M/-X	Z DIODE	
D305	1K4-T2	SB DIODE	
D306	QRE121J-561Y	C RESISTOR	560Ω 1/2W J
D306	or QRE122J-561	C RESISTOR	560Ω 1/2W J
D306	or QRG01GJ-561	OMF RESISTOR	560Ω 1W J
D341	MA111-X	SI DIODE	
D421	MTZJ75-T2	Z DIODE	
D423	1SR124-400A-T2	SI DIODE	
D425	MA111-X	SI DIODE	
D427	MTZJ27B-T2	Z DIODE	
D501	MTZJ6.8C-T2	Z DIODE	
D551	FR105GT-T3	SI DIODE	
D552	FR105GT-T3	SI DIODE	
D553	MTZJ9.1B-T2	Z DIODE	
D554	MA111-X	SI DIODE	
D571	MTZJ7.5S-T2	Z DIODE	
D581	MTZJ20B-T2	Z DIODE	
D582	FR105GT-T3	SI DIODE	
D651	MA111-X	SI DIODE	
D652	MTZJ12C-T2	Z DIODE	
D653	MA111-X	SI DIODE	
D654	MTZJ12C-T2	Z DIODE	
D655	MA111-X	SI DIODE	
D656	MA111-X	SI DIODE	
D657	MA111-X	SI DIODE	
D704	LH22440-T16	LED	POWER(RED)
D705	LE22440-T16	LED	ON TIMER(ORG)
D707	MA111-X	SI DIODE	
D731	MA111-X	SI DIODE	
D920	1SS133-T2	SI DIODE	
D921	FR105GT-T3	SI DIODE	
D925	FR105GT-T3	SI DIODE	
D927	MTZJ36A-T2	Z DIODE	
D928	MTZJ3.3A-T2	Z DIODE	
D930	FR107GT-T3	SI DIODE	
D931	MA111-X	SI DIODE	
D933	MTZJ16C-T2	Z DIODE	
D941	RU3AM-LFC4	SI DIODE	
D942	ERC30-02L38E	SI DIODE	
D943	FR105GT-T3	SI DIODE	
D982	MA111-X	SI DIODE	
D983	MA111-X	SI DIODE	

△Ref No.	Part No.	Part Name	Description Local
C001	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C004	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C103	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C104	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C105	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C106	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C107	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C109	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C112	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C113	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C117	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
C119	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C120	NDC31HJ-121X	C CAPACITOR	120pF 50V J
C121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C161	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C162	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C164	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C166	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C301	NCB31HK-681X	C CAPACITOR	680pF 50V K
C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C303	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C304	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C305	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C307	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C308	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C310	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C311	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C312	QENC1HM-474Z	BP E CAPACITOR	0.47uF 50V M
C313	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C315	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C316	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C317	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
C321	NDC31HJ-120X	C CAPACITOR	12pF 50V J
C322	NCB31EK-273X	C CAPACITOR	0.027uF 25V K
C323	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C324	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C325	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C326	NCS21HJ-221X	C CAPACITOR	220pF 50V J
C341	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C351	QCZ0121-102	C CAPACITOR	1000pF 3KV Z
C354	NDC31HJ-271X	C CAPACITOR	270pF 50V J
C355	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C356	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C357	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C365	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C366	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C367	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C401	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C423	QCS32HJ-180Z	C CAPACITOR	18pF 500V J
C424	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C426	QFLC1HJ-102Z	M CAPACITOR	1000pF 50V J
C427	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C428	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C429	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C430	QFN32AJ-472Z	M CAPACITOR	4700pF 100V J
C433	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M
C435	QETM1EM-228	E CAPACITOR	2200uF 25V M
C436	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J
C437	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C501	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C525	QFZ0200-103	MPP CAPACITOR	0.01uF 1.5kV H
C526	QFLC1HJ-822Z	M CAPACITOR	8200pF 50V J
C527	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J
C529	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J
C531	QEZ0203-107	E CAPACITOR	100uF 160V M
C552	QETM1VM-108	E CAPACITOR	1000uF 35V M
C554	QETN2EM-475Z	E CAPACITOR	4.7uF 250V M
C555	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J

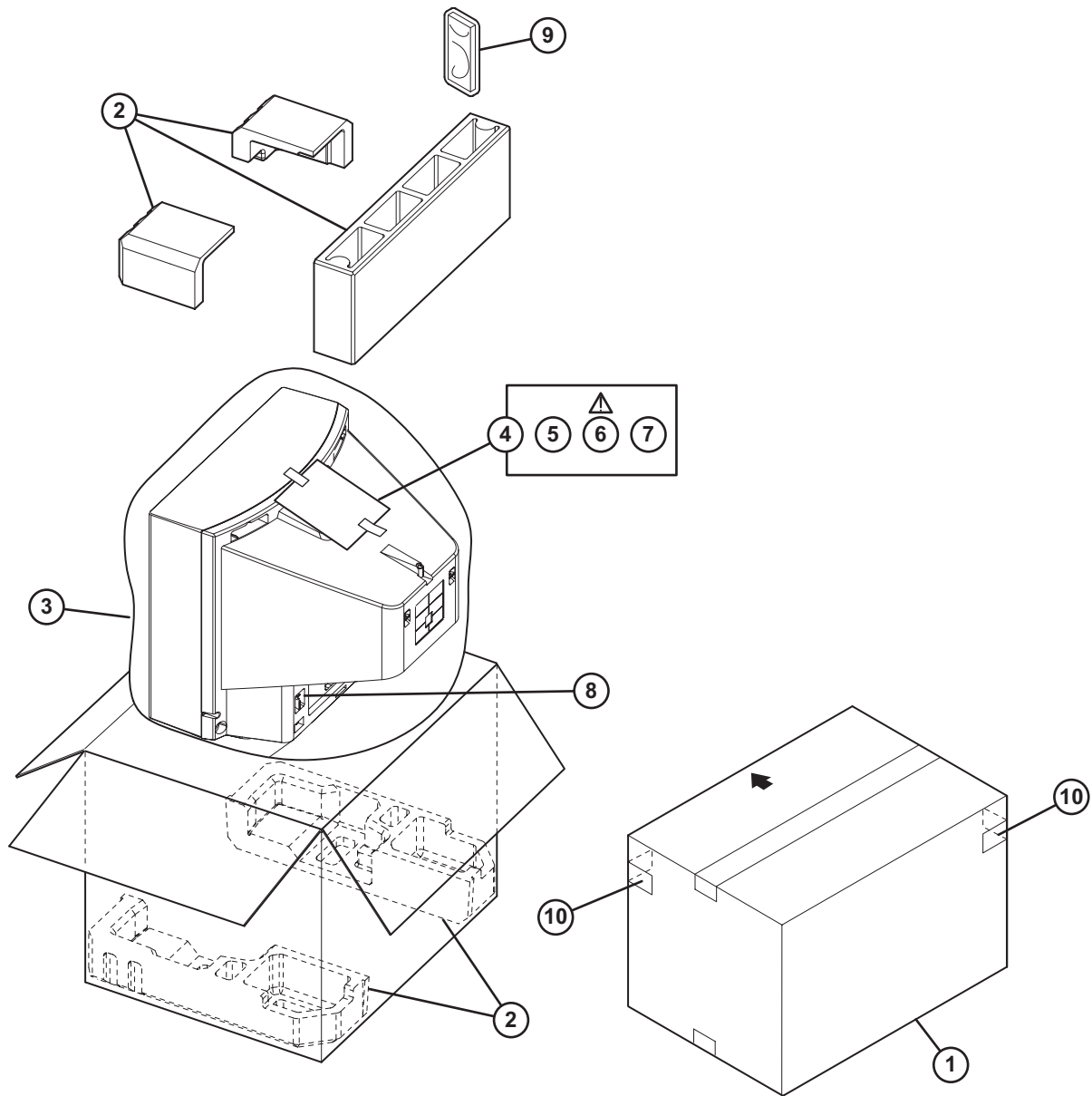
△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C571	QETN1AM-107Z	E CAPACITOR	100uF 10V M	R162	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C572	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R163	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C581	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R164	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C652	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	R165	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C653	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R166	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C654	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C655	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C656	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C657	QETN1EM-107Z	E CAPACITOR	100uF 25V M	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C658	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C659	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R306	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C663	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R307	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
C664	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R308	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C705	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C706	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R321	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C708	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	R322	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C711	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R327	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J
C713	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R341	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C716	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R347	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C717	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R349	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C718	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R351	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C719	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R352	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R353	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C721	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C722	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C724	NDC31HJ-560X	C CAPACITOR	56pF 50V J	R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C728	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C729	NDC31HJ-181X	C CAPACITOR	180pF 50V J	R358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C744	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C805	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C806	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
C811	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R363	QRL029J-123	OMF RESISTOR	12kΩ 2W J
C841	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R364	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C901	QFZ9073-224	MM CAPACITOR	0.22uF AC250V M	R365	QRL029J-123	OMF RESISTOR	12kΩ 2W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R366	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R367	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
△C907	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R368	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C909	QEZO476-127	E CAPACITOR	120uF	R374	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
△C910	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R401	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C922	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	R421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C924	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R423	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C925	QETN1VM-476Z	E CAPACITOR	47uF 35V M	R424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C926	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	R425	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C927	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R426	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C929	QFKA2JK-103	MM CAPACITOR	0.01uF 630V K	R429	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C931	QCZ0364-681	C CAPACITOR	680pF 2kV K	R430	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C932	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R431	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C941	QCZ0364-561	C CAPACITOR	560pF 2kV K	R432	QRE121J-3R9Y	C RESISTOR	3.9Ω 1/2W J
C942	QEZO203-107	E CAPACITOR	100uF 160V M	R433	QRE121J-2R7Y	C RESISTOR	2.7Ω 1/2W J
C944	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R436	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
C945	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	R440	QRE121J-471Y	C RESISTOR	470Ω 1/2W J
C946	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R441	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C947	QCB32HK-222Z	C CAPACITOR	2200pF 500V K	R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C948	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R443	QRE121J-1R0Y	C RESISTOR	1Ω 1/2W J
C949	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R453	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C976	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C977	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C978	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R521	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
C979	QETN1AM-227Z	E CAPACITOR	220uF 10V M	R525	QRL029J-330	OMF RESISTOR	33Ω 2W J
△C991	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R526	QRE121J-271Y	C RESISTOR	270Ω 1/2W J
△C992	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R529	QRL039J-681	OMF RESISTOR	680Ω 3W J
△C993	QCZ9071-102	C CAPACITOR	1000pF AC400V M	R531	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R002	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△R551	QRX029J-R47	MF RESISTOR	0.47Ω 2W J
R004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R552	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R554	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R103	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	R571	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R573	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R110	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R574	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R111	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R576	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R577	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R578	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R581	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J
R115	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R583	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R118	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R120	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R652	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R121	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R653	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R159	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R161	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R655	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
				R656	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R657	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	CF161	QAX0642-001Z	C FILTER	4.500MHz
R658	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	△CP981	ICP-N50-T	IC PROTECTOR	2.0A
R659	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J	△CP982	ICP-N75-T	IC PROTECTOR	2.7A
R660	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	△F901	QMF51E2-3R15-S	FUSE	3.15A AC250V
R661	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J002	QNN0384-001	PIN JACK	VIDEO AUDIO IN/OUT(REAR)
R662	QRE121J-271Y	C RESISTOR	270Ω 1/2W J	J003	QNN0281-003	PIN JACK	VIDEO IN(FRONT)
R664	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	J004	QNN0281-002	PIN JACK	AUDIO IN(FRONT)
R665	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	J005	QNS0197-001	3.5 JACK	HEADPHONE
R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	K351	QQR0621-002Z	FERRITE BEADS	
R667	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	K421	QQR1113-001Z	FERRITE BEADS	
R668	QRT029J-5R6	MF RESISTOR	5.6Ω 2W J	K901	QQR1113-001Z	FERRITE BEADS	
R706	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K902	QQR1113-001Z	FERRITE BEADS	
R707	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K941	QQR1113-001Z	FERRITE BEADS	
R708	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	K942	QQR1113-001Z	FERRITE BEADS	
R709	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K943	QQR1113-001Z	FERRITE BEADS	
R710	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△LF901	QQR0673-002	LINE FILTER	
R711	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S701	QSW0619-003Z	PUSH SWITCH	VOL+
R712	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S702	QSW0619-003Z	PUSH SWITCH	VOL-
R713	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S703	QSW0619-003Z	PUSH SWITCH	CH+
R714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	S704	QSW0619-003Z	PUSH SWITCH	CH-
R715	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	S705	QSW0619-003Z	PUSH SWITCH	MENU
R716	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	△S901	QSW0750-001	PUSH SWITCH	POWER
R718	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	SF102	QAX0731-001	SAW FILTER	
R719	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	SF122	QAX0325-001	SAW FILTER	
R720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	△SK351	QNZ0536-002	CRT SOCKET	
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△TH901	QAD0121-9R0	P THERMISTOR	9Ω
R723	QRL039J-270	OMF RESISTOR	27Ω 3W J	TU001	QAU0447-001	TUNER	
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△VA901	QAF0072-621	VARISTOR	620V
R726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	X301	QAX0705-001Z	CRYSTAL	4.433619MHz
R727	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	X302	QAX0860-001Z	CRYSTAL	3.579545MHz
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	X701	QAX0884-001	C RESONATOR	12.000MHz
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		LC30114-001C-H	LED HOLDER	
R730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R731	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R736	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R737	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R738	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R739	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R740	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R741	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R742	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J				
R746	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R748	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R749	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R771	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R772	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J				
R796	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R797	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R802	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J				
R806	QRE121J-271Y	C RESISTOR	270Ω 1/2W J				
R807	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J				
R810	QRG01GJ-560	OMF RESISTOR	56Ω 1W J				
R811	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R815	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R816	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J				
R817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R901	QRF104K-3R9	UNF WW RESISTOR	3.9Ω 10W K				
R903	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R906	QRL029J-104	OMF RESISTOR	100kΩ 2W J				
R921	QRE121J-1R8Y	C RESISTOR	1.8Ω 1/2W J				
R922	QRE121J-221Y	C RESISTOR	220Ω 1/2W J				
R923	QRZ0237-R18	UNF WW RESISTOR	0.18Ω 3W J				
R924	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J				
R925	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J				
R928	QRL039J-683	OMF RESISTOR	68kΩ 3W J				
R933	QRE121J-4R7Y	C RESISTOR	4.7Ω 1/2W J				
R934	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J				
R935	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J				
R974	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R976	QRL029J-120	OMF RESISTOR	12Ω 2W J				
R977	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J				
R978	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R979	QRL039J-470	OMF RESISTOR	47Ω 3W J				
R980	QRL029J-153	OMF RESISTOR	15kΩ 2W J				
△R991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K				
L001	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L101	QQL244J-2R2Z	PEAKING COIL	2.2uH J				
L103	QQL244K-8R2Z	PEAKING COIL	8.2uH K				
L551	QQLZ026-300	COIL	30uH ±7%				
L701	QQL244J-5R6Z	COIL	5.6uH J				
L941	QQL26AK-820Z	CHOKE COIL	82uH K				
L942	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
L943	QQL244J-4R7Z	PEAKING COIL	4.7uH J				
T501	QQR1244-001	DRIVE TRANSF					
△T921	QQS0213-001	SW TRANSF					

REMOTE CONTROL UNIT PARTS LIST (RM-C360GY-1H)

△	Ref No.	Part No.	Part Name	Description	Local
		R25-8567	BATTERY COVER		

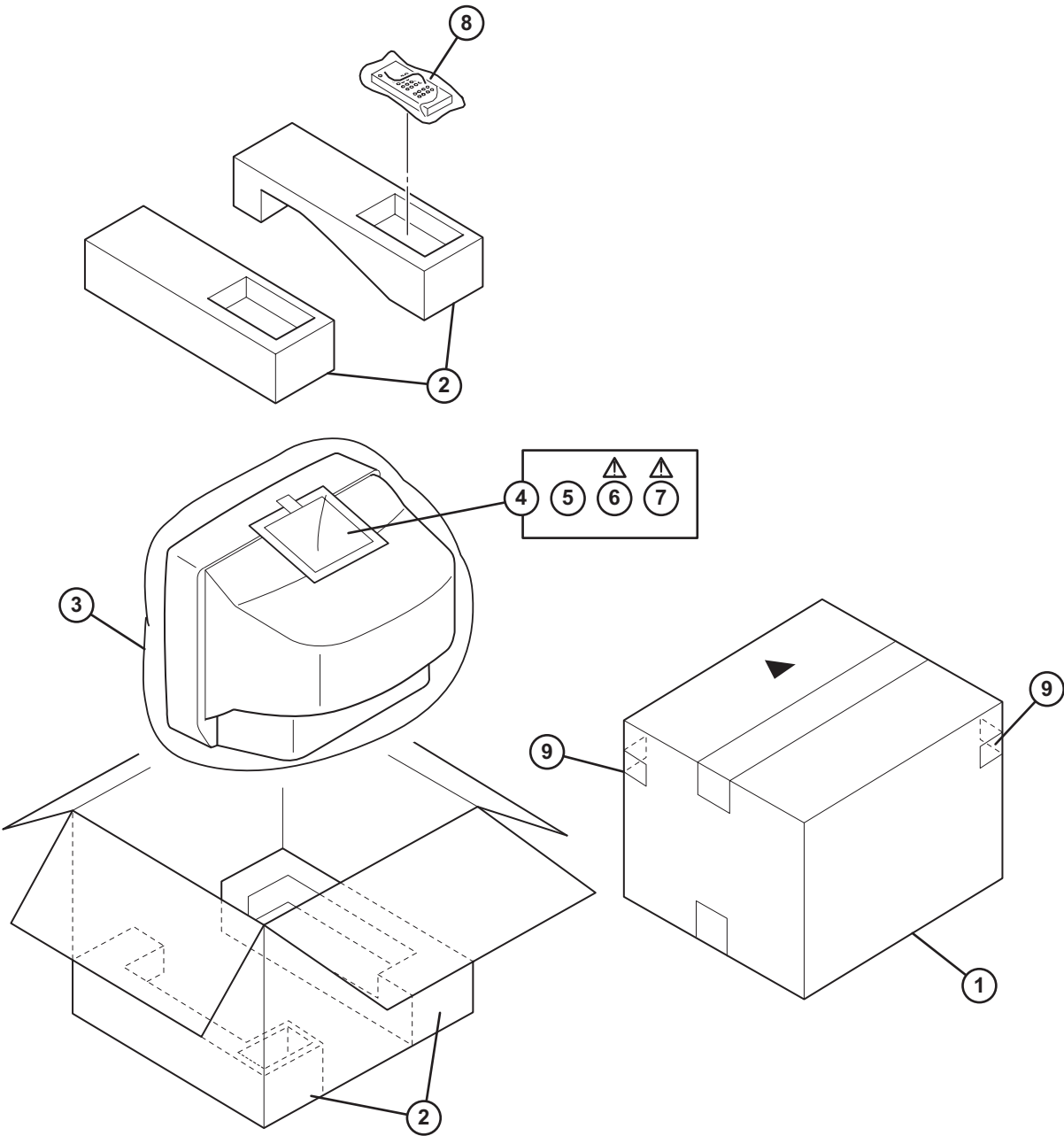
PACKING [AV-2106CE]



PACKING PARTS LIST [AV-2106CE]

△	Ref.No.	Part No.	Part Name	Description	Local
	1	GG10285-013B-H	PACKING CASE		
	2	GG10266-001B-H	CUSHION ASS'Y	5pcs in 1set	
	3	GG30097-003A-H	POLY BAG		
	4	GG30096-001A-H	POLY BAG		
	5	-----	BATTERY	AA/R6 1.5V(x2)	
△	6	GGT0113-001B-H	INST BOOK	Russian, Ukrainian	
	7	-----	WARRANTY CARD	BT-54023-1H	
	8	GG40042-001A-H	CORD CLAMP R/C		
	9	RM-C360GY-1H	REMOCON UNIT		
	10	GG30147-001B-H	CORNER LABEL	2pcs in 1set	

PACKING [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]



PACKING PARTS LIST [AV-21F16, AV-21FMG6/G, AV-21FMG6B/G]

△	Ref.No.	Part No.	Part Name	Description	Local
	1	GG10281-013A-H	PACKING CASE		AV-21F16
	1	GG10284-028A-H	PACKING CASE		AV-21FMG6G,AV-21FMG6BG
	2	LC10516-007A-H	CUSHION ASSY	4pcs in 1set	
	3	GG30097-003A-H	POLY BAG		
	4	GG30096-001A-H	POLY BAG		
	5	-----	BATTERY	AA/R6 1.5V(x2)	
△	6	GGT0106-001B-H	INST BOOK	English	AV-21F16
△	6	GGT0109-001A-H	INST BOOK	English	AV-21FMG6G,AV-21FMG6BG
△	7	GGT0107-001B-H	DIGEST MANUAL	Chinese,Russian	AV-21F16
△	7	GGT0110-001A-H	DIGEST MANUAL	Arabic,French,Persian,Russian	AV-21FMG6G,AV-21FMG6BG
	8	RM-C360GY-1H	REMOCON UNIT		
	9	GG30147-001B-H	CORNER LABEL	2pcs in 1set	